R.M. Anderson.

Canadian Arctic Expedition Records.

Vol. VII.

November 21st. 1915,

to May 21st. 1916.

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November 21st 1915, to May 21st 1916.

Rudolph Martin Anderson.

The Geological Survey,
Ottawa, Canada.

C.A.E. Station, Bernard Harbor, Dolphin and Union Strait, N.W. Territory, Canada.

1915.

1915.

Nov. 21. (Sun.) Clear. Light SE. wind. Colder.

Eskimos singing and dancing in big tent (snow-walls and canvas-skin roof, Indian lodge shaped) all forenoon.

Children playing games of rolling and bouncing small willow hoops, and others trying to cast sticks like little spears through them as they rolled by. (They only play this game when the sun is away. D.J.)

Working on dates and papers today.

Sis required treatment for badly swollen sore throat today. Gave her Chlorate of potash gargle.

Bernard Harbor. N.W.T.

Nov. 22 (Mon.). Clear. Strong SE wind. Snow drifting. Capt. Sweeney arrived with sled from East at 4:00 a.m. having travelled all night.

Synopsis of Sweeney's trip:
Left the station Nov. 5th with his wife and Mike. Mr. Girling and Ambrose went along as far as Victoria Island. Camped on Leston and Sutton Islands, after 4 hrs. travel; plenty wood. Nov. 6 – travelled 7:00 a.m. to 2:00 p.m. and camped on Victoria Island; no Eskimos seen. Nov. 7 – Travelled two hours and met Eskimo waiting for the ice to get strong enough for them to cross the Strait. They did not consider it safe yet. They had plenty of Caribou and fish, and Sweeney bought one deer from them for a box of .44 Cartridges.

Nov. 8 – Clear; light NE wind. Started SE along coast. At 9:00 a.m. saw eight Caribou on the land; and at 2:00 p.m. saw two

Nov. 22. (Mon). more Caribou, and Mike killed one. While they were ~~eating~~ skipper in camp, two Caribou came up near tent, and Jack the only loose dog chased them. Later, after dark, about fifty Caribou came near camp. Nov. 9th – Stormy. Travelled 7:00 a.m. to noon. Too stormy to travel and they camped abreast of Miles Islands, Victoria Island.

Nov. 10 – Too stormy to travel. Mike shot a Hare near Miles Island.

Nov. 11 – On trail. Found no wood on the land (Victoria Island) so camped on island with driftwood on it, abreast of Point Franklin, Victoria Island.

Nov. 12 – N.W. wind. Started to cross the Strait, and got into rough ice. Had bad sledding for some time. Camped on Duke of York Archipelago (plenty wood).

Nov. 13 – Clear. Calm. Left Duke of York Islands 7:00 a.m. and travelled until 9:00 a.m. when they struck bad ice. Followed deer trail west to smooth ice.

Bernard Harbor. N.W.T.

[Sweeney's trip].

Nov. 22. (Nov. 13.) Breeze from East ad nom.
(Mon.). At 2:00 p.m. saw a large herd of Caribou travelling south. About 4:00 p.m. they tried to cross to windward, and Mike wounded one, but failed to get it. Arrived at Tree River about 8:00 p.m. Found no wood.

Nov. 14 – Clear. Light SE wind. Left Tree River, and found sled track. Later saw one Eskimo man and two women who said that Dr. Anderson's party had gone west four days ago. [We had left Tree River Oct. 27th, and arrived at Bernard Harbor Nov. 9th]. Travelled all day, making about 25 miles west of Tree River.

Nov. 15 – Weather thick. Snowing. Ran into a large herd of deer, shot two and camped. Saw another big bunch on land about four miles west of camping place. Two Caribou came up within 50 yards of camp after tent was pitched.

Bernard Harbor. N.W.T.

Sweeney's Trip.

Nov. 22 (Mon.). Nov. 16. Cloudy. Cold. Camped on island 5 mi. from land. Travelled about 15 miles today.

Nov. 17. Travelled all day. Camped on Koguyuk-Cape island. Clear. Light SW wind.

Nov. 18. Clear. Wind west. On trail 7:30 a.m. Passed what they thought was mouth of Epperminic River 10:00 a.m. At noon met sled with six Eskimos who said that Dr. A.'s party had reached home. Passed two sets of Kognollik snow houses.

Nov. 19. Strong NE wind. Travelled all day. Ran into head of Canbon between Cape Kendall and Cape Kruesenstern.

Nov. 19 At 3:00 p.m. saw three Eskimos on the ice sealing. Saw another big band of Caribou on land behind the Eskimo snow houses.

Nov. 20. Stormy. On trail before daylight. Struck portage 3:00 p.m. Saw two Caribou in portage and missed shot the larger one.

Bernard Harbor, N.W.T.

Nov. 22. (Mon.).

Sweeney's trip

Nov. 21– Clear, light East wind. until noon. Camped at 10:00 a.m. at Cape Lambert.

Nov. 22– Stormy. Broke Camp at 10:00 p.m. and started for the house At midnight saw a herd of Caribou travelling on the ice, which stampeded dogs. Nov. 22– Reached house at 4:00 a.m.

Notes from Baillie Island, N.W.T. (D. Sweeney).

June 3. 1915– Jimmy send up 20 Snow Geese from Horton River. He had killed 100 on the land– No Geese seen at Baillie Island before this.

June 14th. 1915– Ducks flying south from ice all day. Boys killed 15 Ducks (Eiders).

Ptarmigan– Sweeney shot the first Ptarmigan May 5th. May 14– Jacobsen killed 18 and Mike 4.

Bernard Harbor, N.W.T.

(D. Sweeney)

Nov. 22. (Mon.) Mr. Daniel Wallace Blue, Engineer of the "Alaska" died May 2nd, at 4:35 a.m., having been sick in bed for ten days. His death was apparently caused by pneumonia or inflammation of the lungs. He had a touch of scurvy, or what they thought was scurvy. Mr. Sweeney, Mate and some of the natives at Baillie Island had the same trouble. The only symptom was that when the finger was punched into the legs, the dent remained for some little time. Legs slightly swollen. They had become a little better in April, and Mr. Blue and Jacobsen started down the coast to hunt Ptarmigan. Jacobsen returned with Blue on the sled. Blue had great difficulty in getting his breath, and wanted skylight open all the time with roaring fire. He had not much appetite, and food would

Nov. 22. (Mon.) not stay on his stomach. They had no fresh meat but Polar Bear and Seal, which he did not relish. They had plenty of flour, peas, sugar, mixed Dehydro vegetables. Fred Jacobsen had a touch of the same trouble in the winter at his camp west of Liverpool Bay, and McIntyre and Arey the same as Darnley Bay. None of them had such scorbutic symptoms as discoloration of limbs, swelling of gums or loosening of teeth. Blue, Hutchinson and Sweeney were always able to be around, and frequently went out hunting Seals, etc. As they were all improving in condition as Spring approached, it seems probable that pneumonia was responsible for Mr. Blue's demise. Mr. Blue was an old-timer in "Alaska" - he had come to Alaska in 1906.

Nov. 22 (Mon.) worked around, Cordova, Copper River, Tanana, Kobuk River, and Nome, prospecting and mining. He was a native of Scotland, and learned the machinist's trade (Steam Engineering) in Glasgow.

Capt. Sweeney says that Mr. Williams made a clean sweep of everything that Sweeney had left at Baillie Island (the coal and coal oil that he had figured on taking east), even the case of pots and trivets which were intended for Eskimo trade and went straight from Baillie Island to Banks Island without even leaving a note of explanation. This accounts partly for the reason that the "Alaska" did not bring in as much coal as was intended this summer; and they have had to keep a sled or two busy hauling driftwood scraps from Cockburn Point all fall to provide our fuel supply

Bernard Harbor. N.W.T.

Nov. 22. Mr. Stefansson took charge of things in rather a high-handed way when he reached Herschel Island; confiscated for his own use a good many things which I had sent for and which were needed, and sent in a large amount of practically useless stuff with the "Alaska", as well as engaging the "El Sueno" to come in here for reasons best known to himself.

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Nov. 23. (Tues.) Clear: Calm: Rather cold.

Mr. Sweeney had the natives all out today, rebanking the houses with snow. The sods had settled some around the eaves.

Mr. Jennes and Corporal Bruce took a number of finger-print impressions of Eskimos in the evening, admitting one or two at a time. The outer room was packed full (S.R.D.) as soon as the Eskimos were admitted after supper. They all want to come into the inner room, but we have to reserve a little space to ourselves in order to get any work or writing done.

Chipman and Cox did some computing today, and O'Neill made a sketch map for geological notes.

Bernard Harbor, N.W.T.

Nov. 24 (Wed.) Cloudy. Light NE wind. Warmer. Did a little writing today. Sweeney had the natives Erect a large snowhouse for a dog-house. It was about 15 ft. diameter inside, and about 10 ft. high inside; with a smaller connected house alongside.

Nov. 25 (Thurs.) Slightly Cloudy. Not very cold. Calm p.m. Mr. Chipman had a snow house (not roofed) built for an astronomical observatory. Also another roofed snowhouse for balloon apparatus.

About noon two sleds arrived from the East (Koglutuatuk, Port Epworth) — Kannoyuak and his wife, and Taglik and his wife. Kannoyuak brought back my 20-gauge shotgun. He said he had killed one Caribou [illegible] with it.

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Nov. 25. (Thurs.) They also brought two Wolverines (unskinned), two Red Foxes (unskinned), several White Foxes (unskinned), and two Caribou (heads and legs unskinned).
Also a Coronation Gulf Kayak for sale.

Nov. 26. (Fri.) Slightly cloudy. A little sunshine at midday.
Our Eskimos hauled three loads of wood from near Cockburn Point today. Unalua finished making a deerskin alleje for Corpl. Bruce.
Worked on specimens.
Purchased from Kanoyuak two Red Foxes (unskinned), two Wolverines (unskinned), two Wolverine skins (with skulls and leg bones), for .44 rifle. two Caribou specimens for 4 boxes .44 cartridges.

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Nov. 26 (Fri.) From Tuglut, our wolverine for powder and lead:

Red Fox - two specimens from Kanaroyuak, trapped at Port Epworth, Nov. 1915. Local name for Red Fox is Kaiyuktok (the same as at Point Hope, Alaska). Cross Fox here is Kainoktok (same name as in N. Alaska)

589. ♀ Vulpes alascensis. 1060-385-165.

590. ♂ " " 1195-385-185.

Wolverine - four specimens from Kanaroyuak, all taken at Port Epworth, at mouth of Tree River, Koglukteualuk; local name is Kal'vik. Nov. 1915

*591. ♀ Gulo luscus. 920-185-175

Weight 22 lbs.

*592. ♀ Gulo luscus. 915-165-175.

Weight 23 lbs.

*593. ♀ Gulo luscus. (with skull and leg bones

-594. ♀ " " " " . . - . .

*595. ♂ " " " " - - . . .

From Tagluk, caught at Port Epworth, Nov. 1915.

Bernard Harbor. N.W.T.

Nov. 26 (Fri.). Caribou — one cow and one fawn, shot about Oct. 5, 1915, near foot of Rapids of Tree River, Coronation Gulf, by Kanmoyuak.

596. ♀ Rangifer arcticus ad.

597. ♀ " " jur.

Nov. 27. (Sat.). Cloudy and somewhat foggy all day. Calm. Very light air from SE about noon.

Messrs. Cox and Chipman worked all forenoon setting up gas inflation apparatus for meteorological balloons. The apparatus is rigged up in a large snow house, and the observing telescope set up on tripod outside. The observer is supposed to keep the telescope fixed on the balloon as long as it is sight, and a

Bernard Harbor, N.W.T.

Nov. 27. (Sat.) self-recording apparatus keeps record of angles at which the telescope is moved. The first balloon sent up was light-colored and soon became invisible. They sent up another smaller dark red balloon which showed up better but Chipman could not follow it with the registering apparatus.

About 8:30 a.m. two sleds of natives came across from Liston and Sutton Islands, having travelled all night. Some of them were in Victoria Island with D. Jenness last summer. One of them told Petay that they were lost in the fog last night and they stopped to "make doctor" (augat'k rites) to find the way.

About noon five sleds came in and more from the East, some of the people who were around the mouth of the Coppermine River earlier.

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Nov. 28 (Sun.). Cloudy. -3° at 8:00 a.m. Practically calm. Sun visible from hill at noon, but not visible from house. In house all day. Skinned 2 Foxes. Dogs broke down a great part of snow house last night.

Nov. 29 (Mon.). Cloudy a.m. Calm. Temperature about the same as yesterday. Fairly strong East wind in evening. Ikpukhuq arrived from Victoria Island this morning.

Caribou - Ikpukhuq said he saw a number of Caribou two or three days ago on Victoria Island coast; also a number of Fox tracks near Ukullik Islands. Caribou were going East. He says that he thinks these Caribou are coming now from the Kangirmuit country (Prince Albert Sound).

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Nov. 30. (Tues.) Cloudy. Fairly strong East wind. Snow drifted a little during the night.

Balloons were sent up successfully today.

Walrus— McPuckaq says that several years ago they found a dead walrus on the ice just South of Lambert Island. They cut off the ivory tusks, but did not use the meat or blubber as they had plenty of Seals at the time.

One of Uluksoak's dogs went mad and he shot it in the evening.

The Eskimos were making Considerable noise outside up to midnight. Children running around playing a sort of tag game, and shouting.

Dec. 1 (Wed.) Cloudy hazy morning. Calm 0° at 8:00 a.m. Maximum +7°. −9° at 5:00 p.m. Clear in evening.

Several Eskimos started for the Ukullit Islands this morning. Issued to Muffo—12lb box sugar, ca. 2 lbs. white rice, 1 lb. pail lard. Mr. Jennes is amassing a large collection of Ethnological specimens.

Big Eskimo dance in the kitchen in the evening. Ikpukkuaq wore a hoodless caribou skin coat and a fancy dance cap with two loons bills sticking up on top of the cap. The Eskimos brought in their big drum and there was considerable singing.

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Dec. 2. (Thurs.). Cloudy a.m. Warmer. -10° at 5:00 p.m. Fairly strong E wind. Skinned and prepared two Caribou specimens today (skinned out heads and legs).

Five or six Eskimo sleds would come to Ukullik today.

Dec. 3. (Fri.). Cloudy a.m. Fairly strong East wind. Snow drifting a little. +6.8 at 5:00 p.m. -340 Mm.

Issued to Nungalina 1 pr. skin pants

Polar Bear - Adam Ovayuak shot a cub (about 1 year old) just north of Chantry Island today, and hauled it in unskinned. L. 161 cm. T. 15 cm. H.A. 28 cm. The local Eskimos were greatly excited about it. Some of them had never seen a Nanuak before.

Dec. 4. (Sat.) Cloudy. Light easterly wind. Foggy in afternoon. Breeze fairly strong from East after 10:00 p.m.

Started taking tidal observations this morning. Mr. Johansen has been fixing up a snowhouse for about a week. Cut 18-inch hole in ice inside of house, and set up a weighted pole on bottom, about 100 yards north of small island west of Chantry Island — about 3/4 mile from house. Readings to be taken from pole every half hour, and oftener at high and low tides. Mr. Johansen took readings in forenoon and Mr. Chipman in afternoon. I took from supper to midnight. Had some trouble in finding tide-house in evening, on account of hazy fog, as there was no light up on house.

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Dec. 5. (Sun.) Cloudy. Fairly strong east wind at 1:00 a.m. Cleared up a little at 8:00 a.m. Clear in evening. Stars shining. +22° at 5:00 p.m. Tide low and fluctuating rapidly.

Dec. 6. (Mon.) Cloudy at 1:00 a.m. One bright star visible near SE horizon. Light SE wind. Cloudy 8:00 a.m. +20° at 8:00 a.m. Calm.

Dogs fighting last night and killed "Boss", one of the best of the young dogs. Snowhouse over sternhole of Alaska and part of dog-house caved in on account of warm weather. Tidal-observation house leaked badly (dripped from roof) and caved in badly yesterday. Tide 7.93 ft. at 1:40 p.m. 9.42 ft. at 6:40 p.m. Cloudy and foggy in evening. Some Eskimos started for Ukullik this morning.

Dec. 7. (Tues.) Snowing at 1:00 a.m. Light NE wind. About 3 inches of snow fell during the night. +18° at 8:00 a.m. Prepared one Caribou skin in afternoon. Recorded the tidal observations from 6:30 p.m. to 1:50 a.m., being relieved by Corpl. Bruce. Snowing in morning and drifting, with fairly strong SW wind. Low tide about 7:40 p.m. High tide about 1:00 p.m.

Dec. 8. (Wed.) Wind strong at 2:00 a.m. from S.W., Snow drifting thickly as high as a man's head. At tidal observation house until 1:50 a.m. O'Neill got lost on way out to tide house and brought up near East end of island, and had to go back to house to get a fresh start. We have a steip. riding light on top of house and another on tide house, but the small island prevents one being seen from the other

Bernard Harbor. N.W.T.

Dec. 8 (Wed.) Jenness and Cox came out to the island with O'Neill and acted as "connecting file" with lantern.

Prepared another Caribou skin today.

An Eskimo woman named Manigyorsima had a daughter born this evening. There was some difficulty in labor, and Jenness and I were summoned, but before we got there the child was born. The Eskimos thought that evil spirits were causing trouble. The woman was sitting up fully dressed holding the baby when we got there. She said she was bleeding a little and had a slight pain in abdomen, but soon felt better.

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Dec. 9. (Thurs.). Slightly cloudy. Colder. Light East wind. Cloudy in morning. Issued to Patey – 1 pr. deerleg boots 1 pr. stockings (skin), 1 pr. slippers. To Mr. Hoff. – 1 pr. deerleg boots, 2 pr. slippers.

Dec. 10. (Fri.). Cloudy all night. –6° at 12:30 a.m. Very faint SW wind, and a few snow-flakes flying. at 12:30 a.m. SSW at 8:00 a.m. S. at 9:00 a.m. In tidal observation house from 1:00 a.m. to 9:00 a.m. High tide about 4:00 a.m.

S

Bernard Harbor N.W.T.

Dec. 11. (Sat.) Clear at 8:00 a.m. Colder. -18° at 8:00 a.m. Light West wind. Min. Temp. -25°

Dec. 12 (Sun.) Clear Calm Cold. Bright aurora in evening.

Issued to Corpl. Brine. 1 pr. skin pants. (made by Amalina), 2 pr. skin stockings to Adam (Angmalk) 2 pr. skin boots 1 pr. long stockings, 2 pr. slippers. 2 pr. skin pants. 1 Kuletak (deerskin coat) 1 pr mittens. To Nuke - 1 Kuletak, 1 pr. slippers To Nungalina. 1 Kuletak, 1 pr. mittlets. pr. mittens (skin). 1 pr. skin socks. To Suellorna 1 pr. mittlets, 1 pr slippers, 1 pr. stocking

Nuke said that Ellaksook beat one of his wives tonight. Kicked her out of the house. He didn't know what the row was about.

Bernard Harbor, N. W. T.

Dec. 13. (Mon.) Clear a. m. Cloudy p. m. Strong N. W. wind in evening; snowing.

Mr. Girling's man, Panchuna, arrived from Clifton Point. He brought a letter stating that three of his dogs have died and he wants to purchase more.

Musk-ox - Amarak (Klukpoak's father) a man about 50 years old, says that he never saw any musk-ox, but that his father chased the last musk-ox near Back River many years ago. He says that there also used to be musk-ox near the lake Akuliakatteq, back of Stefansson.

Polar Bears - Amarak says that Polar Bears used to be much more numerous here than they are now.

Barren Ground Bear - Amarak says that Brown Bears ("Aksak") were never numerous, about the same as at present

Bernard Harbor, N.W.T.

(Dec. 14 (Tues.) Cloudy all day. Snowing and drifting from N.W. Purchased three (3) Eskimo foxes from Kannoyuak for splanchnics, and two which he had skinned and preserved skulls and leg bones.

599. ♀ Red Fox - (skinned), with skull and leg bones. Port Epworth, Nov. 1915. (Fox 2½ lb. powder, 250 primers No. 2½).

600. ♂ Arctic Fox - 830-310-141. Port Epworth, Coronation Gulf. Nov. 1915.

601. ♂ Arctic Fox 920-290-142. Port Epworth, Coron. Gulf. Nov. 1915.

602 ♀ Arctic Fox. 875-275-140. Port Epworth, Coron. Gulf, Nov. 1915. (Bought 600-601-602 for 2 cotton snowshoes).

603. ♂ Arctic Fox - Port Epworth, Coronation Gulf, Nov. 1915. (For 1 pr. cotton Mesh

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Dec. 15 (Wed.) Clear a.m. -24.5 at 8:00 a.m.
Wind west 17 miles per hour.
Wind less at 10:00 a.m. -27° at 10:00 a.m.
Klukwan started for Ukullik in the morning. Before going he stored a quantity of Caribou meat and other bundles in our store shed. In getting his sleds down on the ice he scraped the ice off one sled runner on a sharp stone and had to unload everything and ice his runners over again. He had an enormous load, with seven good dogs in harness, and his three wives to help when necessary.

Mr. Jenness, Corporal Bruce, and Petsy as interpreter started for the Eskimo village this morning, Mr. Jenness to carry on Ethnological work.

Mr. Hoff, engineer of "Alaska" rigged up an acetylene gas plant, and had tubing enough for three lights. We burn one 100-lb. drum of Calcium Carbide enough to furnish light for some time, better than our small kerosene lamps.

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Dec. 16. (Thurs.) Clear. Light wind. +23° at 8:00 a.m. Muffi, Kokoklok, Kamoyuak, Taglek, and Umgailuk, with their families, started for Ukalliktok (Keston and Sutton Islands), this morning.

Issues - to Mungalua. 1 pajama coat 1 cotton sheet. To Ikey - 1 pajama pants. To Sullivan 1 pajama suit.

Panchua - came back from Ukalliktok. He had got his three dogs for Mr. Jarvis, but one dog, new, ran away from him on the way and he has to go back to the Islands to get it again.

Dec. 17. (Fri.) Clear. Light wind 14 miles per hour. -24° at 8:00 a.m. -30° at 12:00 m.

Mutz and Ambrose are building a new sled, home style. We have hardly enough to make one sled, after letting Mr. Wilkins have so much sled material last summer. I had figured on getting the M. Anderson sled from Point Atkinson.

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Dec. 18. Clear. Light West wind at 8:00 a.m. -25° at 8:00 a.m. -30° at 12:00 m. Light NE wind; Variable.

Panchina started back to Ukalliq this morning to get a dog that ran away.

Washed some clothes in evening. Light East wind in evening; Cloudy.

Arctic Fox - Adam found three foxes in traps near Chantry Island - two in his own and one in Certuty's

604 ♀ Arctic Fox. 875 - 290 - 130.

605 ♂ " " 907 - 332 - 145.

606 ♂ " " 905 - 306 - 150.

All these Foxes were good - furred white skins

Dec. 19. (Sun.) Cloudy. -18° at 8:00 a.m. Light NE wind. Clear in afternoon.

Two Eskimos - Skolak (alias Nukpanyak) and Hulvak, came over from Ukalliq to get some of Ulukvaak's meat.

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Dec. 20. (Mon.) Cloudy. -18° at 8:00 a.m. Light East wind. Strong NE wind at noon, snowing and drifting. About 15 mi per hour wind at 5:00 p.m. -10° at 5:00 p.m.

The Eskimo boys started home in morning. Mike and Ambrose have nearly finished the home sled which they started building a few days - a hard-wood sledge about 14 ft. long. They are using one of the large deserted Eskimo snow houses for a workshop, heating it by Primus stove.

Dec. 21. (Tues.) Cloudy a.m. -18° at 8:00 a.m. -13° at 10:30 a.m. Light east wind. Clear p.m. Calm evening.

We had a slight explosion of acetylene gas in house this morning while Mr. Hoff was putting in fresh charge of Carbide.

Bernard Harbor. N.W.T.

Dec. 22 (Wed). Clear all day. −22° at 8:00 a.m. Very light, and variable, shifting around all points of the compass. −25° at 5:00 p.m.

Dec. 23. (Thurs.) −30° at 8:00 a.m. Clear. Light East wind at 8:00 a.m (8 miles per hour).

Mr Jenness, Corpl. Bruce and Patsy came home from Mitillik Islands about 2:30 p.m.

Red Squirrel (Sciurus hudsonius)

Mr. Jenness came home wearing me as a charm, or ornament on his coat, which he got from native. The native did not know Exact locality, but it was from timber somewhere (Dease River ?). Eskimo called it Ōvingyak puk or "big lemming"

Bernard Harbor, N.W.T.

Dec. 23. (Thurs.)

Seals- Eskimos at the islands got six Seals yesterday, and two the day before. They had not taken many before and some of them had attributed their bad luck to the meteorological balloons which had been sent up at the station here.

Late in the afternoon, two sleds arrived at the station- Eskimos from far to the Eastward- three men and women.

Kakshárik or Kakshavinna, man about 45 yrs. calls himself Pallirmint (from Pallirmiut) somewhere near Hudson's Bay. He has his wife Manitok with him; says he has two other wives, whom he left somewhere to the Eastward. He has been three years from home, has been hunting recently in the Kiliusiktok region, south of Arctic Sound. He had also been hunting on Hanningayok (Back's River) where he says there are no trees (except willows). Further

Dec. 23. (Thurs.). south, on Akkilinek (Ark ilinek) River, he says. He says there are many white men to the eastward; recently they built a big trading post (Log houses) at a river (Salt water inlet); many trees there. He had traded with both white men (Kablunat) and Indians (Itillerit). He says his people have had guns as long as he can remember, and he had never used bow and arrows. He never hunts seals, but lives inland in winter, builds snow houses, and where there is no wood, burns deer fat in stone lamps. They get stone for lamps to the eastward, but his people do not use stone pots. He said that before the trading post was established, he traded furs to the Indians for ammunition. These men had one "303 British" rifle and one .44. One recently traded his rifle to some Eskimos east of here for ten foxskins, expecting to buy

Bernard Harbor. N.W.T

Dec. 23. (Thurs.) another one here. Kakshewik says this is a poor country here, and he is going back east again. He came west hunting muskoxen, and got many muskoxen and caribou last summer south of Arctic Sound.

A younger man, Atgag or Amorog is from Utkiliuet River; about 25 yrs old. Wife named Aluiak.

The above two men wore caribou skin coats much like western style, but cut up a little at sides (on hips), trimmed around edge with strip of red flannel. Both had blanket pants and black cloth pants; skin stockings, and low deerskin boots (hair inside) and an outer deerskin sole with hair out. No sealskin. Women with coat tails broad and nearly dragging ground behind; coat with peaked tail in front. Hoods large. Boots, leggings, broad with a large pocket-shaped protuberance on outside of leg

Dec. 23 (Thurs) None of the women were tattooed. Their sleds were lower, and runners with longer curve than the local style. Shod with Earth, and iced.

About the only trade articles these people wanted was tea and tobacco and ammunition - Cartridges, powder, lead, and primers.

The other man, ca. 25 yrs old, was named Nauyalowak, with wife Tamaroonia. From Kilusiktuktok, South of Arctic Sound. He was dressed like the natives here - long tailed coat, and sealskin slippers.

One sled had a sail - mounted with two poles - sail made of white caribou parchment

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Dec. 24. (Fri.)

Clear. -35° at 10:00 a.m.

Bought from Eskimos specimens as follows.

#610. ♂ Vulpes lagopus innuitus (blue phase. Caught in October or November, 1915, on land near Simpson Bay, Dolphin and Union Strait, Southern Victoria Island. From Alunak.

#611. Vulpes alascensis: (Cross phase) Caught by Kakalwik, in Hanningajok, south of Arctic Sound, Fall, 1915.

Bernard Harbor, N.W.T.

Dec. 25. (Sat.) Cloudy. Light East wind. -15° at 10:00 a.m. Cloudy all day.

Had a small Christmas tree, small willows decorated by Mr. Johansen with a few small presents for natives.

Outdoor Games in forenoon:

Sack race - won by Stey.

3-legged race - won by Ambrose and Stey.

100 yd. race - won by Corpl. Bruce.

Blindfolded race - won by Adam.

Hop-skip and jump won by —

Running jump - won by Stey.

Shooting - at 150 yds, 3 shots - drawn Anderson and Hoff.

For Christmas treat we had our 1914 Christmas box which was on the Ruby last year; also a few "Snowflakes" Etc., which came in this year.

Menu: Breakfast:

Cream of wheat.

Eggs on toast.

Fritters, wafers and syrup.

Coffee.

Bernard Harbor, N.W.T.

Dec. 25.
(Sat.).

Bernard Harbour, N.W.T.

Dec. 26 (Sun.). Clear. —2° at 8:00 a.m. Very light wind. The Eskimos spread out their skins which they wanted to sell. They had about 15 Musk ox, 20 wolf, about 30 Wolverine, 2 Red Fox, 10 Cross Fox, 1 Blue Fox, and 7-8 Barren ground bear — 20-30 White fox. Picked out a few which had some interesting phases of pelage, for specimens —

612. ♂ Musk ox (imperfect skin). Fall. 1915. 2 cans powder. 1 lb.

613. ♂ do. 20 primers No. 1.

614. Musk ox. Calf, showing moults old. Summer 1915. 1 lb. Harry S.

615. Musk ox — newborn Calf. Black, glossy fur. Early Spring 1915. 1 lb Harry S.

616. ♂ Wolverine. Early spring, 1915. Unusual pelage. Whole back and underparts about equally mixed yellow and dark hairs; something like a Porcupine. 1 lb. Harry S.

617. Barren Ground Bear. Cub. Summer 1915. Taller dark brown with

Bernard Harbor. N.W.T.

Dec. 26 (Sun.). Hairs on back yellowish tipped. 1 lb. hung 5

618. Barren Ground Bear. adult. 2 lb. N.S. 10 cap. Early Spring, 1915. Fur reddish brown, with tips of hairs brownish

619. do. All hair bleached to a rather pale buffy brownish yellow. Midsummer. 1915. 1 lb. powder.

620. do. Fall, 1915. Hair darkened fast, nearly black, with tips of hairs yellowish. 1 12-in knife.

All above specimens from Hanni-guyok region, South & South East of Actic Sound.

Also bought for our Eskimos for bedding skins, and for trimming clothes.

Mungelmi - 1 Muskox skin - 1 lb. powder
Nuke - 1 " " 6. 3 lbs. lead.
Unalmi - 1 wolf
" - 1 Muskox.

D. Sweeney - 2 Caribou skins -

Dec. 27 (Mon.) Cloudy. Very light NW. wind. -8° at 8:00 a.m. Fairly strong West wind in evening. Good drifting.

The visiting Eskimos started over to Wallit Islands this morning, to see the Eskimos there before starting East again. They are going down to hunt Caribou and Muskoxen south of Cutic Sound.

Atgag said he would soon get Muskoxen, and said he would bring skins of a bull and cow, with heads down to the coast in April or May, to sell them for a .44 rifle & only our sleds which will be used at that time.

Bernard Harbor, N.W.T.

Dec. 28. (Tues.) Cloudy. WNW wind. 21 miles per hour at 8:00 a.m. 0° at 8:00 a.m. Wind very light at 10:00 a.m. Typewrote some notes

Dec. 29. (Wed.) Wind light in morning but increased in afternoon, with snow drifting from S.E. −8° at 8:00 a.m. −6° at 5:00 p.m. Developed Kodak films all day (Exposed from August to December 1915). One 3A roll defective (Aug 21. 1915).

Dec. 30. (Thurs.) Cloudy a.m. Wind SE, 16 miles per hour at 8:00 a.m. +7° at 8:00 a.m.
Developed films all day.

Dec. 31. (Fri.) Wind NW, 30 miles per hour at 8:00 a.m. Cloudy. Snow drifting. −2° at 8:00 a.m. Wind about 35 miles per hour at 5:00 p.m.
Worked on books today, Entering up accounts, stores and equipment issued:
Lunch at midnight in honor of the New Year.

Bernard Harbor, N.W.T.

1916.

Jan. 1. (Sat.) Wind still strong in morning. SE., moderating in afternoon. -21° at 5:00 p.m. Panchina, Mr. Gubing's Point Barrow Eskimo came in from his camp near Cockburn Point. He reported another child born in his family recently.

Jan. 2. (Sun.) Clear. Light west wind. -22° at 8:00 a.m. Strong west wind in evening and snow drifting.

Bernard Harbor. N.W.T.

Jan. 3. (Mon.) Clear a.m. – 30° at 8:00 a.m. Wind NW, 21 miles per hour; snow drifting in evening. – 30° at 5:00 p.m.

Panchuna came back again from Ulluliet Islands, where he had gone for a runaway dog.

Jan. 4. (Tues.) Clear. S.E. wind; rather light wind. – 36° at 8:00 a.m.

Panchuna came here and I got grub, and I let him have enough to get home to Mr. Gelling: 25 lbs. rice; 10 lbs. sugar; 10 lbs. oatmeal, ½ seal.

Bernard Harbor, N.W.T.

Jan. 5. (Wed.) Clear. Light west wind. -31° at 8:00 a.m. -25° at 5:00 p.m. Hazy cloudy at 1:00 p.m. Light NW wind; warmer.

Arctic Fox - Mike found three Fox's in traps today; and Adams two

Wolverine - Mike saw fresh wolverine tracks and wolverine had eaten two foxes in traps: Wolf tracks also seen.

Jan. 6. (Thurs) Clear. Light NW wind: Hazy in evening.

Visitors - two came over from island - and Kinguaulek.

Ptarmigan (Notes from Capt. W.V. Bruce, R.N.W.M.P.)

Willow Ptarmigan - two seen, one shot.

Rock Ptarmigan - did not appear here until Oct. 4, 1915, when large flocks were seen flying to SE (from the ice). Flight kept up for about two weeks. Very few seen in the vicinity afterwards, although hunters were out often.

Jan. 7. (Fri.). Westerly wind, rather light in forenoon, but increasing in afternoon, and snow drifting. The two Eskimos started home in the morning. Mr. Jenness and Patsy Klengenberg came home from Ukullik about 3:30 p.m. Loney started about 11:35 a.m.

Seals — The Eskimos at Ukullik are doing better than before. The hunters speared 18 seals yesterday, 10 the day before, and 9 the day before that. He said that he had suggested that they were not treating him very liberally, so that he did not feel like entertaining them very much. The next day he received a very large number of presents of seal's livers, which are his favorite dish when in the ice-camps.

Bernard Harbor. N.W.T.

Jan. 8. (Sat.) Clear. Slightly stronger wind, N.W. Snow drifting a little.

Jan. 9. (Sun.) Clear. Light west wind. −32° at 12:00 M. −32° at 5:00 p.m.

Four Eskimo boys (12 to 16 yrs.) — Ikotaq ("Muppanyak"), Kannoyak, and two others, came over from Wallek in afternoon to buy over some of Klatsoak's meat and stuff cached here.

Caribou — the boys saw six or seven fresh Caribou tracks on the ice today.

Jan. 10. (Mon.). Clear. Light South wind. South East about 10:00 a.m. -29° at 8:00 a.m. Wind died down about 1:30 p.m.

About half of the disc of the sun was seen from the ice at noon today - the first re-appearance of the sun this winter.

Jan. 11. (Tues.) Clear. Light SE wind. -24° at 8:00 a.m. Boys went for load of wood.

Bernard Harbor. N.W.T.

Jan. 12. (Wed.) Hazy cloudy. Light west wind. -25° at 8:00 a.m.

Finished a Report to Department of the Naval Service.

Jan. 13. (Thurs.) Clear. -21° at 8:00 a.m. Wind South about 19½ miles per hour. Fairly strong SE gale in afternoon. Sea drifting -7° at 3:00 p.m. -4.8 at 5:00 p.m. Wind 14 miles per hour.

Mr. Wattus and Putay returned to Ukullik this morning.

Finished a Report to Geological Survey today.

Jan. 14. (Fri.). Cloudy. Wind south, about four miles per hour at 8:00 a.m. +4° at 8:00 a.m. +9° at 12:00 m. +10° at 1:00 p.m. Air rather warm and pleasant today, and everybody out more or less.

Wolverine - Hay reported that a wolverine had torn up a Fox in trap, but had not eaten much away.

The boys hauled two loads of wood from Chantey Island.

Jan. 15. (Sat.). Light snow falling in morning. Very light SE wind. Warm. Heavy snowfall in evening. Rather stormy wind in evening.

Bernard Harbor. N.W.T.

Jan. 16. (Sun.) Clear. Rather strong NW wind. 0° at 8:00 a.m. Hazy bright in evening. Snow drifting.

Jan. 17 (Mon.) Hazy. Strong NW wind. Snow drifting. −20° at 8:00 a.m. −2 46 at 12:00 m. Wind lighter in evening, from N.W. — and sky clear.

Bernard Harbor, N. W. T.

Jan. 18. (Tues.). Clear. Light N.E. wind. -31° ✓ 8:00 a.m.

Muffa and family (Kilaulik and little girl) came over from Kellett came over from Kellett. He said that Mr. Jennes and the natives Kokoktok, Kannoyuk and Taglek intended to come over tomorrow.

Jan. 19. (Wed.). Severe blizzard from N.W. Snow drifting thickly, - and colder than usual under such conditions. -30° at 8:00 a.m.; wind 30 mi. per hr. -29° at 5:00 p.m. wind 70 " " " Nobody able to get out much today. Gale stronger in evening, about 40 miles per hour and flying snow almost blinding to face.

Bernard Harbor, N.W.T.

Jan. 20. (Thurs.). Northwest gale all night, and continuing during the day. −30° at 8:00 a.m. Wind 40 miles per hour at 8:00 a.m. Front of house nearly buried by drift in front of door. Drift seems to have been started by running Ulukshak's old snow camp.

Jan. 21. (Fri.). Strong N.W. blizzard continuing (the third day of it). −24° at 8:00 a.m. Wind 33 miles per hour. Snow drifting a little less thickly than yesterday, perhaps because most of the loose snow has gone by, or been packed down hard. Wind slacked a little in afternoon, to about 30 miles. −26° at 8:00 a.m. 30 miles per hour.

Jan. 22. (Sat.). Blizzard and NW gale Continued. −24° at 8:00 a.m. 33 miles per hour. −23° at 5:00 p.m. 38 miles per hour.

Jan. 23 (Sun.). Blizzard still blowing from NW, but a little more clear than yesterday. −20° at 8:00 a.m. Wind 38 miles per hour. Wind slackened up perceptibly about 11:00 a.m.

Mr. Jenness, Patsy, Ulutsoak and Kokoktak came over from Ulukhaktok today. Kokoktak brought our Seal over, and went back to islands again today. People are getting short of meat over there on account of the continued bad weather, and some of them are reduced to a flubber diet. Kannoyuak's wife had a child born there last night. Weather calm in afternoon.

Bernard Harbor, N.W.T.

Jan. 24 (Mon.). Cloudy. Strong N.W. wind 29 miles per hour. —19° at 8.00 a.m. —27° at 5.00 p.m. Wind fairly strong in afternoon from NW. but very light in evening.

Issued Klaksoag, on account services, 1 lb. tea, 10 lbs. sugar, 5 boxes 30-30 cartridges.

Several natives arrived from Ukallik with their families — Kohoktak, Kannoyuak, Taglut — and another man. They say the people are getting short of food and some of them are eating sealskin. Kannoyuak's wife walked over, most of the way on foot, although she gave birth to a child day before yesterday. They did not bring the child along. Mr. Jenness was not certain whether the child was still born or whether the woman threw it away. An old woman, whom he enquired of, said in a matter-of-fact way, "Yes, we often expose new-born children

Jan. 24. (Mon.) that we do not want."

Steller's Eider (Ig na'kiri'). Unalina says that she has seen some as far east as Kamarlok, Yukon Territory, (about thirty miles West of Herschel Island), but not farther East.

Jan. 25. (Tues.) Clear. Strong NW wind. 24 mi. per hour. -17° at 8:00 a.m. Wind slacked around midday. Got out provisions and loaded two sleds for trip to Coppermine River. Wind increased towards evening, so that snow was drifting rather thickly along the ground. -14° at 12:00 M.

Caribou. Mr. Jenness told me that the Eskimos said that the Eskimos said that a man was killed by a bull Caribou a few years ago on Victoria Island.

Bernard Harbor. N.W.T.

Jan. 25. (Tues.)

He was driving the Caribou towards an ambushed bowman, when the Caribou turned on the unarmed man and tossed him repeatedly, injuring him so that he died soon afterwards. The other man came to his rescue and shot the caribou but not in time to save his comrade from fatal injury.

Mussa and Kokoktok are going to start with us to go to Tree River to bring our stuff back from that place. Kannoyuat and Taglut are also going with them to Tree River.

Jan. 26 (Wed.). Clear. N.W. wind. −11° at 8:00 a.m. Wind 17 miles per hour. −13° at 6:00 p.m.

Started east to go to Coppermine River, with Corporal W.V. Bruce, R.N.W.M.P. and Adam Ovayuak. Another sled goes along to the river, with Jas Sullivan (cook), Ambrose, and Itey, to bring some extra provisions for us, and to try to bring back a load of Caribou meat for the Station.

On trail 9:30 a.m. Passed east end of Chantry Island 11:00 a.m. The Eskimos started a little later, but overtook us. Left behind the small axe, 2 slabs bacon, and 32 lbs pemmican at house, but did not think it worth while to go back for them. Exchanged our large axe for Murphy's small axe, for the trip. Camped at the point where we had cached a little wood on Nov. 8th, at 4:15 p.m.

Bernard Harbor. N.W.T.

Jan. 26. (Wed.) The other sled travelled slower and got in at 4:45 p.m. The Eskimos camped about a mile farther west where they found good snow for building snow-houses.

The Eskimo sleds travelled somewhat better than ours, although they were pretty heavily loaded. Muffa and Kokoktok went from here to cache at Tree River for the Spring survey parties.

Oatmeal	1 Case	50 lbs.
Pemmican, man,	2 cases	96 lbs.
" dog.	3 "	144.
Flour, 1 gunny		100.
Sugar. 1 box		50.
Dog Biscuit		100.

Also 50 lbs. dry fish, 30 lbs oatmeal, 3 boxes (15 lb) sugar for their own use.

Very light NW wind in middle of day but blowing pretty fresh in the evening.

Jan. 27. (Thurs.). Clear all day. −16° at 6:00 p.m. Light SW wind most of the day. Round Cape Lambert cliffs rounable, mostly from SE; SW in afternoon. On trail 9:00 a.m., the Eskimos passing our camp just before we started. They accompanied us as far as Cape Lambert (5–6 miles), then informed us that they had decided to go straight over the ice from Point Lockyer to Tree River, instead of going around by way of the Coppermine as they had at first intended. Their intention had been to follow the coast around in the hope of getting Caribou. They said they expected to see people on the islands SE of Cape Krusenstern portage (Duke of York Archipelago). We reached Cape Lambert at 11:45 a.m. and had lunch, then kept on about ESE to bottom of bay, west of Mount Barrow, the beginning of the long portage across the peninsula

Cape Lambert, N.W.T.

Jan. 27. (Thurs.). To the north side of Basil Hall Bay. Went up on the land about two or three miles, up a low grade, with a few stones visible here and there on little ridges. Camped at 4:7 p.m. Sunrise 10:00 a.m. Sunset about 2:30 p.m.

Caribou — many old tracks on the snow, and two or three fresh tracks around the bay just East of Cape Lambert.

Jan. 28. (Friday). S.W. blizzard. —11° at 9:00 a.m. —8° at 6:00 p.m. On trail 10:00 a.m. Snow drifting pretty thickly along the ground, but sun shining most of the day.

Caribou — saw a bunch of about fifteen directly to windward of us about 500 yards away. They apparently did not see us. Cockney took a long shot with the Ross rifle, but we could not see very well, as a snow flurry came up, and the Caribou

Jan. 28 (Fri.) started to run. Ambrose and Adam ran ahead and fired a few shots with 30-30's, dropping one. Caribou was lying dead about 300 yards away with a big hole through neck, apparently from Ross bullet. Both were females, about 1½ yrs old, one with spike antlers the other with one small branch. Took back, fresh meat, and two hams, leaving the remainder on carcass to be picked up by return party. Stopped about an hour for lunch.

Weather thicker in afternoon. Passed a rock cliff exposure south of long lake and reached coast about 4:00 p.m. Went out on the sea ice for several hundred yards before we discovered that it was salt (by tasting ice), and turned back to beach. Hills on portage rather low, stony on some ridges. Found no wood on beach. Ambrose built a good dome-shaped snow house. Used Primus and alcohol stoves

Basil Hall Bay.

Jan. 29. (Sat.). Clear in morning. Light WSW wind, which hauled to SSW in afternoon, and West after 6:00 p.m. -9° at 10:00 a.m. -10° at 5:00 p.m. On trail 10:30 a.m., west along coast. Camped north of east end of island in Basil Hall Bay. Found quite a bit of wood on the point.

Jan. 30. (Sun.). Hazy in morning. A Northwest gale started up about midnight, nearly blowing down tent. Stove smoked terribly in the morning until we put in a sheet of tin at top of pipe on windward side. Gusty in afternoon. The boys hauled a load of wood in toboggan from West in afternoon. In camp all day, too stormy to travel. -16° at noon. Clear evening. Calm after 6:00 p.m. Very light air from SW at 8:00 p.m.

Jan. 31. (Mon.) Cloudy. Light SW. wind. -3° at 8:00 a.m. On trail 9:04 a.m. Past east end of the low stony island in Basil Hall Bay 10:10 a.m. Headed for Cape Hearne Bluffs, keeping inside of the rough ice. Stopped for lunch just north of Cape Hearne sandspit, crossed sandspit and started south from sandspit at 12:30 p.m. Weather foggy, and some snow flying. Wind fairly strong SSW; but hauled to SW at 2:00 p.m., then to west (true) and finally West by north. Travelled by compass, and passed through some rough ice, but did not have much trouble except for steep, hard snow-drifts among the ice. It became too thick to travel and pick a satisfactory trail through the rough ice and we camped on the ice at 3:45 p.m. Gale increased just as we got the tent set up. Westerly gale all evening. We used wood hauled from last night's camp.

Coronation Gulf.

Feb. 1. (Tues.). Cloudy. Strong N.W. wind and snow drifting all day. Rather warm and clear overhead in evening. It was too thick weather to travel, and we remained in camp all day, without fire most of the time, as our alcohol can had sprung a leak and lost most of our alcohol, so that we could not use the alcohol stove, and the Primus stove was in the other tent. Cut a dog pemmican tin in two lengthwise, and bent over the edges to make a bubble lamp. Burned cracklings in it, but there were too many small bits of meat scrap, etc in the grease, and they would scorch and smoke badly. Boiled tea on it twice, and made pot of Ebswurst (marrow-fat pea sausage) and Norwegian pemmican. The whole inside of inner tent got well smoked up, and our faces were pretty well sooted.

Feb. 2 (Wed.). Strong west wind in morning, blowing a gale. Wind slacked up and sky cleared about 10:00 a.m. Showing us about eight miles north of Cape Kendall. Started south 12:10 p.m. Passed Cape Kendall island about 2:30 p.m. Camped 4:40 p.m., just before dark, opposite the high diabase cliff or table-land resembling an island south of Cape Kendall.

+ 2° at 12:00 M. + 4° at 5:30 p.m.

Raven - one seen near Cape Kendall.

Light westerly wind all afternoon, and only increasing to a gale about 5:60 p.m.

Coronation Gulf.

Feb. 3. (Thurs.) Very strong westerly gale, — blizzard all night and today. Spend all morning cooking in Eskimo style, using cracklings for oil. In tent all day.

Feb. 4. (Fri.) Wind moderated about 2:00 a.m. Light westerly wind in forenoon. Cloudy. —3° at 8:00 a.m. Cape Kendall visible. On trail 9:40 a.m. to south. Reached the chain of diabase islands running NE from Mackenzie Point about 11:10 a.m., a mile or two east of the point. Island black diabase cliffs on south side about 20 ft. high, sloping to stony beach on north side. Quite a bit of driftwood on north side of island. Left island 11:30 a.m., with light SSW. wind and headed for island we thought was the double-hummock island at mouth of Coppermine.

Feb. 4. (Fri.) but wind and snow drifting became so thick that we could not see the land, but we kept on by the wind and reached land about 1:00 p.m. and camped on low sandy beach at base of rough diabase ridge just west of mouth of Coppermine River, on mainland. Found plenty of good driftwood, both large and small pieces on the sandy beach. Blizzard very thick all day. but wind moderated about 4:00 p.m., for about an hour, then increased again more from the west. +1° at 3:00 p.m.

Mouth of Coppermine River.

Feb. 5. (Sat.) Strong wind all night. Clear in morning with light East wind. Went up on top of ridge back of camp in morning, but could see no game on the land on south side of Richardson Bay. On track 10:45 a.m.

(438) Photo 3A. 1/ Sled on ice of Richardson Bay. double-tracked runner

8 - 1/50 - F 8. 11:45 a.m.

2. do. Two sleds.

Went around the point and camped just inside of mouth of river on west bank, near old cache. Saw a large deserted village of snow houses on island in middle of mouth of river NE of camp - where a large number of Eskimos were camped in the latter part of October and early part of November. Nothing left in our last years cache but some Caribou hair.

Arctic Hare - many tracks and signs. Clear in evening. Bright aurora. Light SW wind. Sewed enlargement on tent door.

Mouth of Coppermine River.

Feb. 6. (Sun.) Clear. Light SW wind. Rather cold. Divided stores and made Cache at same rock pile as last year:

1 sack boots, etc. 1 alcohol stove.
2 boxes sugar 24 lbs. 1 Alcohol can (empty)
4 lbs dog pemmican.
2 " Man "

Caribou — Ambrose saw nine on low flat land about two miles west of river, but he and Ikey failed to get them. Adam saw them again in the afternoon.

Arctic Hare — Adam saw one Hare. I saw many fresh tracks.

Rock Ptarmigan — Adam saw six. I saw one among the rocks on top of hill.

Hazy in evening. Calm.

One sled load of wood was hauled to Camp from West side of point for return camp.

Mouth of Coppermine River.

Feb. 7 (Mon.). Cloudy. Stiff gale from north and north west all day, but we were pretty well protected in lee of high hills. -12° at noon, bad weather rather bad for travel. Cleared a little in afternoon, but rather late to start up river. Caribou - the boys saw eight west of the hills in afternoon.

Feb. 8. (Mon.). Clear a.m. Fair westerly breeze. -38° at 8:00 a.m. -33° at 6:00 p.m. Very light SW breeze all day, and rather bitter. On trail 9:25 a.m. Soon passed end of the diabase formation near mouth of river and took the photograph.

Photo 3A. (440) #3 Two toboggans in foot of diabase cliff about 3/4 mile south of mouth of Coppermine River, west bank. 8-1/50 3.5 10:00 a.m.

Reached Bloody Fall 4:40 p.m. Small narrow stretches of open water

Feb. 8. (Mon.)

in two places, about the same condition as last year. At one place, near middle of rapid, there was only a narrow ice shelf about six feet wide for a short distance on west side (near old Raven's nest). Photo V.P. 3. #12. Bloody Fall. Near view, near middle 1/50 - Bs 2:40 p.m. Ice rather rough above falls. Party separated, the sled going on east bank, to hunt deer, crossing just above the island. Bruce, Mckay and I kept on past the clay ridge on west side with toboggans, and found hard going, rough ice, with soft snow. Camped about 5:30 p.m. on west side, but found no wood.

Ptarmigan — Sullivan went up on hills about five miles below Bloody Fall, west bank, and saw a flock of about fifteen.

Cross Fox — one seen on west bank, just above Bloody Fall.

Coppermine River. Bloody Fall.

Feb. 9. (Wed.). Cloudy. Foggy. Strong SW wind. Snow drifting and I could not see across the river. −20° at 12:00 M. −24° at 5:00 P.M. Sky cleared a little in evening and wind lowered. Scouted up along foot of cliffs but could find nothing but a few very small green willows, most of the patches being covered by snow. Went up the river bank about half a mile but could not find a scrap of wood. The prevailing westerly winds had drifted the west bank very deeply with snow. Crossed the river, finding a fair passage through the rough ice, and found quite a quantity of drift spruce on the flat south of mouth of big creek on East side of river. The sled party had made camp under foot of clay bluffs and stacked some wood on the flats. Packed one big spar back across the river to our camp.

Feb. 10. (Thurs.). Clear in morning. Wind strong and gusty in early morning light SW wind till 9:00 a.m. -23° at 9:30 a.m. -19° at 1:00 p.m. -25° at 5:00 p.m.

Cross Fox-

Went up along the foot of diabase ridge to west, and saw a Cross Fox about half way up. Tried a long shot and the Fox ran some distance along the side of ridge, and up over the top.

Sullivan came across to hunt on west side of river, and Adam hunted on east side of river.

Decided not to try to cross the Barren Grounds to Dismal Lake. At our present rate of travel the trip to Fort Confidence will take too long, and will interfere with Spring work. Corpl. Bruce does not like to travel without wood in such weather as we have had up to date, as we have used up so much dog food in preliminary

Coppermine River. Bloody Fall.

Feb. 10 (Thurs.)

work, we should have to depend largely on finding Caribou to get through. The latter proposition seems easy enough, but the other circumstances make it hardly worth while to spend so much time on the trip, as Inspector Lukanga's patrol may not head Ford Confidence anyway. Decided to cross to East side of river where there is wood, and hunt Caribou for a while.

Phot. 34. 4 (441) Diabase Cliff south of Clay hills above Bloody Fall.

8 - 1/50 B.S. 1:30 p.m.

5. (442) Clay hills. do. (west side river)

6. (443) Rough ice on Coppermine River just above Bloody Fall Island. do.

V.P. 4. (413) Clay hills (East side of Coppermine River, above Bloody F

16 - 1/50 B.S. 13½ m.

V-P 5. (414) do.

Crossed river, finding a fairly good passage across, and

Feb. 10 (Thurs.) camped at foot of clay bluffs just north of mouth of Bloody Fall Creek.

Caribou- Sullivan hunted west of river today and saw many Caribou tracks and places where caribou had pawed up the snow to feed. Adam went up the creek on east side of river but soon struck across the terraced hills to southeast. He saw seven herds of Caribou, too many for him to count, fired off all his cartridges, thought he wounded one, and came home about 8:00 p.m.

Arctic Hare- Adam saw one but did not shoot it as he was stalking caribou.

Coppermine River. Bloody Fall Creek

Feb. 11. (Fri.). Hazy bright. Fairly strong SW wind. Snow drifting. -17° at 8:45 a.m. -10° at 11:00 a.m. -11° at 2:00 p.m. -15° at 5:00 p.m.

Corpl. Bruce, Cockney, Ambrose and Ikey went caribou hunting, but weather was too thick to see anything. Rock Ptarmigan. Ikey shot one male. Wind SE in evening, but lower.

Feb. 12. (Sat.). Clear day, but wind pretty strong from south. Snow drifting along the ground, and blowing pretty thick over the top of the high hills, so that one could not see very clearly, except at intervals. Calm in evening and sky cloudy. Ring around moon. -15° at 9:00 a.m. -15° at 6:00 p.m.

Went up creek along foot of clay ridge, then cut across valley and went up on top of high basalt ridge. Could not see much to southward -

Feb. 12 (Sat.). on account of drifting snow. Camé back along north side of ridge.

Arctic Hare - saw one Hare track on top of ridge and places where Hare had been digging down for lichens.

Ptarmigan - a few old tracks.

This creek, which flows into the Coppermine River just above the island above Bloody Fall is broad for about three miles to the East, then tapers to a narrow, crooked gully which seems to run a few miles farther. There appeared to be another channel at the mouth running north of the clay ridge back of our camp, but I crossed the valley there and found grass all the way across. There may be a little slough there in the spring.

Coppermine River - Bloody Fall Creek.

Feb. 12. (Sat.) Caribou - Ambrose, Adam and Ikey went over the hills to the south, for several miles, between Camp and the Escape Rapid and saw one herd of 21 Caribou. They shot six - five females (all with small embryos), and one young bull, all with antlers. They said they saw some bulls that had shed their antlers. Adam found a long copper arrow-head imbedded in the throat of one of the Caribou.

Photo. V.P.6. (415) Clay hills south east of Bloody Fall. Coppermine River from top of diabase ridge north of creek. 11 - 1/50 - B.S. / 2:00 p.m.

7. (416) do

8. (417) Diabase ridge, north of Bloody Fall Creek, East bend of Coppermine River. 11 - 1/50 B.S. / 2:30 p.m.

Feb. 13. (Sun.) Heavy snowfall during night and morning. Blowing pretty strong from South in forenoon and south-west in afternoon, and snow drifting thickly. Hey and Adam took the two toboggans and all the dogs and hauled in all the six Caribou killed yesterday. -13° at noon. Sky cleared a little in evening.

About half a mile up the creek, near the east end of the clay ridge, there is a clump of fairly large willows, some dead and many half-dead, as much as two inches in diameter and eight or ten feet high. Brought down a large pack-load. They burn when green with hotter fire than spruce when once ignited.

Coppermine River, Bloody Fall Creek.

Feb. 14 (Mon.). Hazy bright light SW wind. -22° at 9:00 a.m. -21 at noon. -31° at 6:00 p.m.

Caribou two seen on ridge to southward. Key and Adam went after them and fired considerably but did not hit anything. Key said he saw many Caribou on both sides of the river. The dogs (most of them) bolted out as soon as they heard firing in the distance. Some of them ran about a mile, but as they apparently did not see the Caribou, soon came stringing back.

Bruce went up the creek but did not see anything

Feb. 15. (Tues.) Clear all day. Very light SW wind. Hazy in evening. —37° at 8:00 a.m. —32° at 5:00 p.m. —32° at 8:00 p.m.

Sullivan's sled started down the river in the morning, intending to stop one or two days at mouth of the river, to fix stanchions of sled cached there, and also look for Caribou on west side of river. Cached surplus grub and set two No. 4 traps for Wolverines. Started at 10:30 a.m. up river across the low hills, making as straight a line as possible for the last spruce trees.

Caribou - saw many tracks and a few Fox and Lemming tracks. Struck the high bank of the river near the Escape Rapid. There was a little short, narrow streak of open water.

Phot. 31. 1. Coppermine River, looking west, above Escape Rapid. (44)
11 — 1/50 — B.S. 12:00 m.

Coppermine River. Escape Rapid.

Feb. 15. (Tues.). Photo 3A. 1. Coppermine River, above Escape Rapid, looking west. (445) 11-1/50-B.S. 12:00 M.

(446) 2. Coppermine River, above Escape Rapid looking west from first terrace back of river bank. 11-1/50-B.S. 12:00 M.

Stopped fifteen or twenty minutes for lunch, and reached the gully containing first trees on East side of river at 2:20 p.m. and camped. It took rather less time than usual from Bloody Fall, as we travelled light, made a more direct course, and snow was very hard. The only difficulty was capsizing toboggans frequently on crooked little hard snow-banks. Snow very hard on uplands and snowshoes were unnecessary in most places. There are ~~two~~ few scattered, bunchy spruce on sides of river about a mile further down on west side

Feb. 16. (Wed.) Hazy at 6:00 Fairly light at 7:00 a.m. —35° at 8:30 a.m. Very light air from East. —15° at 11:00 a.m. in sun. —32° at 6:00 p.m.

Set two traps along side of river near bottom of gulch. The trees (spruce only) grow to the edge of the wide enlargement at head of gulch. Then the creek takes a sudden sharp descent through a narrow deep gorge about 300 yards to river, with walls about 100 to 150 ft. high. Walls of gulch fine-grained gray sandstone, stratified, and breaking away into slabs usually 1½ to 2 inches thick. Above the sandstones near head of gulch are thick layers of very thin brittle sheets of reddish gray shale, from ⅛ to 7/16 inch thick, coming out in loose brittle flakes. Willows in bottom of gulch and a small patch of Cottonwoods about 1 inch in diameter, and sticking up 6 or 7 ft.

Coppermine River. Last Tree Gully.

Feb. 16. (Wed.) above the deep snow. I think these are the only Cottonwoods I have seen anywhere on the Coppermine River or any of its tributaries (up to Kendall River.

Photo 3A. ✕ Rough ice on Coppermine River near last trees. From bed of river. Sandstone cliffs on lower bank. 22 - 1/5 - B.S. 10 30/4 mm

(447) (448) 3A-5. do.

(449) 3A-6 Coppermine River, looking down stream from bed of river last tree gully. 11 - 1/25 - B.S. 10 30/4 mm

Fox - saw one White Fox track.

Ravens - two flying over.

Ptarmigan - tracks seen.

Caribou - They shot two females out of a herd on two hills about five miles to SE, between our camp and the diabase ridge below the Sandstone Rapids. He could not get very close as it was calm and cold, and snowshoes made

Feb. 16. (Wed.) too much noise crunching the snow. He came back to camp for toboggan and hauled the meat back. One cow was rather fat for moose back fat about ¾ inch thick, and a good layer of fat on the ribs, very good for roasting.

Wolf - one was heard howling in the evening, and about 8:00 p.m. Ike and him about ten yards from camp in the bright moonlight. We went out with rifles and saw the large wolf tracks where he had followed the toboggan home but we did not see the wolf again.

Coppermine River. Last Tree Gully.

Feb. 17. (Thurs).

Cloudy forenoon. — 23° at 8:00 a.m. — 32° at 12:30 p.m. Sky clearing. Clear in afternoon and evening. Light south wind. — 34° at 8:00 p.m. Went out to set traps at scene of the Caribou killing.

Arctic Fox — saw one White Fox on hill about half a mile from camp, and numbers of tracks. One White Fox came up while we were setting traps, running back and forth in nearly parallel traverses, gradually coming nearer, until about 100 yards away, when they fired at him several times before he finally ran away. The Foxes had dug numerous holes in the snow where blood had spilled and frozen and had dug over all scraps of entrails.

Cross Fox — one came up within about 300 yards of where we were setting traps. Corpl. Bruce sees two Cross Foxes also about a mile south

Feb. 17. (Thurs.) of where the Caribou were killed. Wolf tracks numerous everywhere, but we saw no wolves. Came back to camp early as Bruce and Hey had the two rifles out today.

Feb. 18. (Fri.) Hazy bright morning. Clear around noon. Hazy in afternoon. —29° at 9:00 a.m. —37° at 7:00 p.m. Very light NW wind. Went out to traps.

Arctic Fox — one male white Fox in Hey's trap, but none in mine.

Wound up on hills south of the diabase ridge, but saw nothing but old tracks on the hills.

Ptarmigan (Rock) — After tramping over the hills all morning without seeing anything, I scared up a flock of about 20 Rock Ptarmigan from the willows and small spruce about 100 yds. from camp.

Coppermine River Last Tree Gully.

Feb. 19. (Sat.). Hazy a.m. Light northerly wind. -27° at 9:00 a.m. Went out to traps but as we saw no fresh tracks around, took up the traps. Saw one fresh White Fox track on hills. The tracks of White Fox are usually easy to distinguish from "colored" Foxes because the latter are much larger.

Rock Ptarmigan: They shot two in the little creek valley just south of us.

Corpl. Bruce selected a tree on the bluff near the tent, visible from the river. Cut away surrounding trees, and nailed a sign board (Ptarmican box side) to the tree with penciled note, and left a letter enclosed in a Cadbury's tea box, for Inspector LaNauze or anyone who should come down the river.

Coppermine River. Last Tree Gully

Feb. 20 (Sun.) Snow fell heavily all night, and during the whole day. About eight inches of snow fell. Fairly strong N.E. wind. —3° at 12:00 m.

Feb. 21 (Mon.) Cloudy a.m. Light southerly wind and a few snow-flakes flying. Snowing thickly at 1:00 p.m., and foggy later. —18° at 8:30 a.m. —3° at 2:00 p.m. —11° at 5:00 p.m.

On trail 10:15 a.m. down river across high beaches. Reached Clay Mountain camp about 1:45 p.m. A wolverine had opened cache, but done little damage, except eat the Skeleton knives and lick off the Primus stove box, and carry off a caribou head.

Clear in evening.

Coppermine River. Bloody Fall.

Feb. 22 (Tues.) Clear a.m. — 31° at 8:00 a.m. Very light air stirring from the East. —30° at 5:00 p.m. Light SW wind. On trail 9:25 a.m. and reached North End of Bloody Fall at 11:00 a.m. Took specimens of rock from west bank at about middle of gorge. Small layers of white quartz here and there in the black diabase, and occasional patches of shiny small yellow crystals

Photo 34. #1 Bloody Fall, at middle (450) near bend. 16 1/5 B.S. 11:30 a.m.

#2. Bloody Fall - north Exit. (451) 11 - 1/30 - B.S. 11:00 a.m.

#3. Clay banks of Coppermine (452) below Bloody Fall. Wind NE. 11 - 1/50 - B.S. 12:00 m.

(453) #4. do. a little farther north

(454) #5. do. At first bend below Bloody Fall, about 2 1/2 miles below Fall. 11 - 1/50 - B.S. 12:00 m.

455. #6. Wolverine in trap. 8 - 1/25 - Shot at 2:30 p.m.

Coppermine River. (mouth).

Feb. 22. (Tues. Reached cache at mouth of river at 2.30 p.m. and found a live Wolverine with one fore paw in trap set among rocks covering cache. It was not very active but snapped at a stick, and growled a little. Made one exposure with 3A. and five with vest pocket Kodak.

621. ♀ Gulo luscus Wolverine.
L. 970 mm. (38½") T. 200 mm. (8") H.F. 180 mm. (7½")
Girth 450 mm. A very dark specimen with no yellow on sides, and only slightly brownish tracks of the lateral streaks. The animal was not very fat but in good condition.

(Roll of vest pocket films containing Wolverine pictures was wholly spoiled).

Mouth of Coppermine River.

Feb. 23 (Wed.) Clear a.m. -27° at 8:00 a.m. Light SE wind. Bearing of the high, black diabase tableland south of Cape Kendall is E. 330° true.

On trail 10:40 a.m. Hazy. At 12:30 p.m. reached west end of small island east of Mackenzie Point (island east of island touched on Feb. 4th. Some driftwood set up on end of this island. Saw fresh wolverine, Arctic Fox, and Lemming tracks near island.

Some soft snow on ice, but not enough to impede travel. I wore snow-shoes all day but the others preferred not to. Reached small island NE of Cape Kendall 4:10 p.m. and camped. Some rather rough ice south of island. Arctic Hare - many tracks on island and a great many places where they had recently pawed for lichens under the snow. -22° at 5:00 p.m. Light SW wind. Wind was East (very light) in forenoon, shifting to West in afternoon, SW in evening

Cape Kendall – Basil Hall Bay.

Feb. 24. (Thurs.) Cloudy. Warmer. Strong NNW wind. –9° at 9:00 a.m. Sky cleared about 11:00 a.m. Clear in afternoon and evening. –21° at 6:00 p.m.

On trail 9:50 a.m. Reached point south of Cape Hearne 2:30 p.m. Cape Hearne sandspit 3:20 p.m. East end of island in Basil Hall Bay at 4:10 p.m. and north shore of Basil Hall Bay at 4:55 p.m. Followed the beach east about one mile but found only two little sticks of wood and camped at 5:30 p.m. We had an armful of split wood on sled (brought from mouth of Copper-mine, the remainder used at our camp last night), enough for a small warming fire tonight and for morning. Did cooking mainly on Primus stove. Wind light NNW in afternoon. Calm in evening. Brilliant aurora.

Basil Hall Bay – Point Lockyer.

Feb. 25 (Fri.). Clear. Very light NW wind. -35° at 7:00 a.m. -28° at 5:00 p.m.

Clear all day. Very light wind. On trail 8:50 a.m. We were nearly abreast of high bluff west of low Point Lockyer at 12:00 m. Made a portage over a low ridge connecting the high bluff with a slightly higher Elevation east of it. Ascend low and gently sloping up grassy and slightly stony slope, down a gentle grade and then along two rather long lakes to NW. The portage thus made was about ½ miles across (perhaps ¾ mile straight across) and does two to four miles travel around the low point of Point Lockyer. At the top of the portage we send Meg ahead with sled down to the coast to make camp while Corpl. Bruce had set up a large driftwood log (Cottonwood) in the fall, and Bruce and I went up to examine an ancient stone house which he had found

Feb. 25. in the fall when it was free of snow. It was now pretty well covered with snow but we cut and brushed most of it away. The white snow-covered house could be seen for several miles perched near the crest of the ridge, looking like a large rock. It was composed of slabs and blocks of the stratified dolomite lying loose everywhere around here, merely placed on top of one another with no cementing whatever. Its shape was like a dutch-house built by an amateur who has trouble in drawing in the sides to form top of dome. The walls slanted gradually to a height of about five feet, then contracted to a smaller top about two feet high and about 8 inches inside, covered by a large flat slab of stone. The door sill was about one foot above the ground. In front of door was a ring of stones on the ground about 8 feet in diameter

Point Lockyer, Coronation Gulf.

Feb. 25. (Fri.)

with another stone ring at side of the adjoining the "porch" ring and also the wall of house, about 7 ft. in diameter. Measurements by Corpl. W.B. Bruce. in honour of H.R.H.

Inside diameter of house 6 ft.
Height of house inside 7 ft.
Walls - 2 ft thick.
Door sill, 1 ft. above ground -
Door 3 ft. high, 2½ ft broad -
Door facing about south. About 50 yds. NW of house was a monument about three feet high made of six heavy slabs laid alternately crossing each other. About 50 yds NE. was a ground cache, made like a box about 3 ft long by 1 ft. wide sides made of long flat slabs set on edge, all covered with loose flat slabs of rock. The cache was covered up. but empty.

Photo 3A. 1. Stone house on high bluff west of Point Lockyer.

(456) 11 - 1/50 - B.S 2.20 p.m.

Point Lockyer, Coronation Gulf.

Feb. 25. (Fri.)

3A. 2. do. δ- 1/25 Bs 2.30 p. m.
(457) Corpl W.V. Bruce ab Sidi
(458) #3 ds.
459. #4. do

Camped on beach in a little beglet north of portage. Walked about half a mile to East but found only two small sticks. Finally found a large sound spruce log as heavy as I cared to pack back, so that we had plenty of wood for tonight, enough to take a little along in the morning, and an armful or two leave behind.

Point Lockyer to Cape Lambert.

Feb. 26 (Sat.). Clear a.m. Very light East wind. −37° at 7:00 a.m. −33° at 8:30 a.m. −26° at 5:00 p.m. Calm.

On track 9:00 a.m. Snow very deep over cliffs on East side of land, and all the wood which we saw there was deeply buried.

Phot 31. S. Snow-covered dolomite cliffs between Point Lockyer and Cape Kruesenstern. 11 − 1/50 − BS 11:00 a.m.

Arctic Hare - Corpl. Bruce saw one on the beach. Saw a few Fox baths. Reached East end of portage at 12 a.m. and had lunch. At top of divide of portage at 2:30 p.m. and Cape Lambert in sight. Reached Cape Lambert bluffs at 3:10 p.m. Picked up an armful of small sticks on a little bench at bottom of cliff face, and Reft on about two miles west of the Cliffs where we found more wood, and Sullivan's old camp, with fence

Cape Lambert.

Feb. 26. (Sat.) wood cached: Made camp at 4:00 p.m. Camped on a little bight

Feb. 27. (Sun.) Clear. Very light East wind. On trail 9:00 a.m. and reached the station at Bernard Harbor at 5:00 p.m.

Wolverine saw fresh tracks around ~~East~~ end of small island near East end of Chantry Island.

Ambrose caught one in a trap on Chantry Island today, a very prettily marked light colored specimen

622 ♀ Gulo luscus. L. 1020. T. 180 mm. ~~H.F.~~ 180 mm.

Found at the station Mr. Merritt, missionary, from Clifton Point. He had come over here with Mr. Gerling who went East accompanying McLennan and Potag on an expedition to look

Bernard Harbor. N.W.T.

Feb. 27 (Sun.)

for Eskimos in Coronation Gulf, north of the Tree River country. They started Feb. 15th, and expect to return about March 15th

No news has been received from west of Clifton Point.

Eskimos, one family arrived from the ice today, one man named Kunilak, his wife Kogmuk Kolitak, little girl Kolitak, and an old woman Kolichuk. The natives have all moved from Liston and Sutton Islands some time ago. Some have gone to the Victoria Island side but most of them to a village on the ice about ten miles west of the islands. There were thirty-three new snow-houses when Mr Merritt was over there. The natives have been catching plenty of seals recently, and Kunilak brought over two.

Bernard Harbor, N.W.T.

Feb. 28. (Mon.)

Clear. Calm.

Made a few Kodak exposures - 3A.

(461) 6. Polarwire ♀ (-dead)
8 - 1/50 - B.S. 11:00 a.m.

(462) 7. do.

(463) 8.

(464) 9. Bernard Harbor house C.A.S.
8 - 1/50 - B.S. 11:00 a.m.

(465) 10. Eskimo woman and Kolahutt.

Bought from Kunilick two Seals for 1 box .38-55 cartridges 1 pr. long deerleg boots for 19 .38-55 "
2 pr. sealskin slippers 10 .38-55's
Ugyuk line (short) for 5 .38-55
Repairing slippers (new tops) 5 .38-55.

Bernard Harbor. N.W.T.

Feb. 29. Tues.

Clear light west wind. -34° at 8:00 a.m.

Issued Mr. Hoff - 1 pr. snow goggles.
Ambrose - 1 " " "

I have decided to go west with Mr. Chipman to make a survey of Croker river. This is the largest river between Hla and Darnley Bay, and flows through a totally unexplored territory, and some rock exposures may be found. Mr Chipman figures that he can get back here by April 15, and be ready to start the Coronation Gulf work by April 20th at Rae River, and work the coast from there East to Cape Barrow by June 1st. Messrs. O'Neill and Cox have plans to start for the Bathurst Inlet region by March 15th. It is a little early for me to start east now, before the Caribou begin to migrate northward, and by making the trip west with with Mr. Chipman I may be able to help him as well as find

Bernard Harbor, N.W.T.

Feb. 29. (Tues.)

not whether there are any Musk-ox left in the region between the Coppermine and Langton Bay. They are extinct within the range of the natives here, I explored the Langton Bay and Horton River region in 1909-12, and Messrs. Klengenberg, Sr. Krey and McIntyre have been some distance in from Darnley Bay in the last three years without seeing recent tracks of Musk-ox, although they have seen heads and bones. The Croker River and Kent Davy region is about midway and has never been touched by natives or others within recent years, and we may find something there that is the most likely region for Caribou on the coast between here and Pierce Point.

Bernard Harbor. N.W.T.

March 1. (Wed.) Hazy a.m. −20° at 8:00 a.m. Wind N.W. 20 miles per hour and snow drifting pretty thickly. Sun shining after 9:00 a.m. Wind round stronger 26 miles per hour at noon. Sky clear overhead in evening.

Mr. F. Johansen requested yesterday that he should be out in the field now for a time before spring opens. It was inconvenient for him to go to Cropke River, as Chipman, Mike, and I are going, and Mr Merritt has to go back with us to his house near Clyde Point, and we can not take more than four men without another tent. Johansen finally decided that it would suit him to make a reconnaissance to the Mackenzie River which flows into the North end Coronation Gulf in Southern Victoria Island, a little East of Franklin Point. Mr. Stefansson followed the coast nearly East to Cape Lord Kelly. Johansen may find something new if

Bernard Harbor. N.W.T.

March 1. (Wed.) he goes a little way inland as no one has been there. Mr. Jenness worked further west last summer. Adam (Angnak) will go with him and one of the smaller sleds with a team of five dogs, using my travelling tent stove, etc. He is to return by April 1st.

March 2. (Thurs.) Weather rather thick. At times we could scarcely see the ship. -19° at 8:00 a.m. Wind North West 28 miles per hour. Snow drifting thickly. The house is drifted up pretty deeply now, and the door and the windows have to be shovelled clear pretty frequently.

Bernard Harbor, N.W.T.

March 3. (Fri.) Clear. −20° at 8:00 a.m. 23 miles per hour. Sun shining all day but snow drifting thickly.
Maximum temperature −15.8
Minimum " −22°
Wind 23 miles per hour at 8:00 a.m.
" 20 miles per hour at 5:00 p.m. West

March 4. (Sat.) Clear, but wind still strong, West, moderating a little towards evening, but strong again later.
Wind 33 miles at 8:00 a.m. 35 miles NW at 5:00 p.m. −24° at 8:00 a.m.
Max. −19° Min. −25.5°

Bernard Harbor, N.W.T.

March 5. (Sun.) Clear. Strong N.W. wind. Snow drifting. Wind lighter in afternoon but gusty; strong again in evening. −20° at 8:00 a.m. Wind NW. 32 miles. −19° at 5:00 p.m. Wind W. 19 miles. Max. −19°. Min. −26°. New moon.

March 6. (Mon.) Cloudy. −25° at 8:00 a.m. Wind west, 8 miles per hour. −25° at 9:30 a.m. Wind shifted. On track 9:50, with Mr. K.G. Chipman, Mate, and Mr. G.E. Merritt (missionary, who is going west with us to his house near Clifton Point). Our intention is to go west to the Croker river, make a topographical and geological reconnaissance up the river, and return to the station the first week of April. Reached East end of Cockburn Point at 1:00 p.m. and stopped a few minutes for a light lunch. The wind was blowing pretty strong

Cockburn Point, N.W.T.

March 6. (Mon.) all day after 10:00 a.m., with snow drifting along the ground (or ice). Pretty thick blizzard after 3:00 p.m. Reached Camp (tent made of snow-house) of Pansana (the missionaries' Point Barrow Eskimo, with wife and four small children) at 3:50 p.m., and pitched Camp - about five miles west of Cockburn Point. Plenty of good wood on the stony beach here, although Pansana has been camped here, trapping, for two or three months. He has shot very little Game, and trapped only a few foxes, and one Wolverine.

-16° at 5:00 p.m. Gale continued all night, but we were comfortable, with new double Alpine tent, and plenty of wood.

Travelled about 15 miles today.

Cockburn Point to Cape Bexley, N.W.T.

March 7. (Tues.) Cloudy a.m. Strong NW wind and snow drifting thickly at 7:30 a.m., so we decided to wait a little. Wind lowered a little by 8:45 a.m. and we started out. Wind increased again by fits and starts, and at times was pretty thick. Camped at our old cache on gravel point about 5 miles East of Cape Bexley at 3:45 p.m.

Caribou saw old tracks on ice about ten miles East of Cape Bexley. —23° at 7:00 a.m. —23° at 9:00 a.m. —25° at 5:00 p.m. Calm about 7:00 p.m. Light west wind at 8:30 p.m. Clear. Aurora.

Travelled about 15 miles today

Cape Bexley to Hope Point.

March 8 (Wed.) Clear a.m. — 31° at 7:00 a.m. Light west wind. On trail 8:40 a.m. Passed point of Cape Bexley 10:10 a.m. Some very large snow drifts around rough ice near point, so we worked off shore to NW, and then headed straight for Hope Point. Found pretty smooth going, with only occasional strips of rubble ice. Saw no signs of Eskimos having been around Cape Bexley this winter. Our last year's cache near Hope Point (case pole) seemed all right.

Arctic Hare — fresh track on Hope Point.

No fox tracks seen today.

Camped on west side of Hope Point 3:00 p.m. Found plenty of wood near old shanty. — 31° at 7:00 a.m. — 15° at 3 p.m. — 22° at 5:30 p.m. — 30° at 7:30 p.m.

Very light west wind all day, backing S & South about 6:00 p.m. and SE at 7:20 p.m.

Clear all day. Hazy in evening.

Cooked brown rice and pemmican for dogs. About 13 miles today

March 9. (Thurs.) Cloudy. Light SE wind. −21° at 7:00 a.m. −16° at 5:00 p.m. On trail 8:20 from Hope Point, heading straight west across Stefyllowe Bay towards Young Point. Ice mostly smooth with a few rough streps. Struck rough ice about one mile East of Young Point and head to head straight in to the beach through about a mile of rough ice and big snow drifts. Camped near East end of Young Point at 3:50 p.m. Plenty of good driftwood. Cooked dog rice (brown) and pemmican

Cloudy a.m. Sun hazy in forenoon. Bright sunshine in afternoon. Wind light SE in morning, heading to south about 10:00 a.m., SW in afternoon.

Travelled about 18 miles today.

Young Point, Amundsen Gulf, N.W.T.

March 10. (Fri.). Clear 6:00 a.m. Light NE wind. -32° at 6:00 a.m. Our track 8:10 a.m., heading for the most Eastern Rock cliffs had had to turn inside on account of rough ice. Passed mouth of Harding River. The high pole which we set up last spring on high point about 2 mi. SE of Young Point to mark cache seems to have fallen down. Reached long stony point (Observation Point May 5, 1915) at 12:45 p.m. Had lunch here.

Photo 3A - sled near high pressure ridge:

(1) 22 - 1/10 - B.S 12:45 p.m.

(2). do.

3. do. 16 - 1/50 - B.S. 1:00 p.m.

V.P. 1. do. Azm. 16 - 1/50 - B. S - 1:00 p.m.

Passed west end of long point 1:30 p.m. Saw fresh Fox track.

Passed most eastern mural cliffs (dolomite) 250 ft. high, about ten miles East of West Point at 3:55 p.m.

Passed Hoppner River a little after 4:30 p.m. Mr. Chipman could find very little

March 10 (Fri) evidence of a river here land spring as snow drifts were too deep, but Mr. Girling said there was a small river here with water flowing last fall. Polar Bear - tracks of large Bear seen a little East of cliffs going towards land. Tracks of small Bear and Fox seen a little farther East. Camped on low rocky point (several old stone caches) East of Middle Cliffs at 5:15 p.m. Plenty of good wood; large sticks.

-22° at 5:00 p.m. -29° at 6:30 p.m. -32° at 7:30 p.m. Clear. Brilliant aurora. Wind very light all day, about south in evening.

Travelled about 22 miles today.

Hoppner River to Inman River.

March 11. (Sat.). Clear. Very light Easterly wind. −34° at 5:20 a.m. −32° at 6:00 a.m. On trail 8:40 a.m. Passed the middle cliffs, which are about half a mile back from the beach, at 10:00 a.m. Abreast the middle of Wise Point cliff at 12:00 m.

Photo 3A-4. Wise Point dolomite Cliffs. 11 − 1/50 − B.S. 11:30 a.m.

5. do. 11 − 1/50 − B.S. 11:30 a.m.

6. do. 22 − 1/10 − B.S 11:45 a.m.

V.P. 2. do. 16 − 1/50 − B.S 12:00 m.

Reached the Wise Point long pole cache, on second stony point, east of the high cliffs at 4:15 p.m. Cache apparently intact. Ice rather rough off shore, but a good smooth trail inshore, west of cliffs. Headed for mouth of Inman River (the black rock bluffs just east of river, passed the "cirque bluffs", and reached the mouth of river about 3:45 p.m. Went up the coast, a little NW of mouth

March 11. (Sat.) of Inman River, and camped on low sandy beach at 4:00 p.m.

Sky clouded over about 2:00 p.m. and breeze freshened from NW about 3:00 p.m. Snow was drifting rather thickly about 4:00 p.m. but died down about 5:00 p.m. -16° at 5:00 p.m.

Plenty of good sound driftwood all over the beach here.

Wolf- saw fresh track of a large wolf near mouth of Inman River.

March 12. (Sun.) Cloudy a.m. Strong west gale. Snow drifting thickly all day, gusty towards noon. -16° at 7:00 a.m. -10° at 12:30 p.m. -22° at 7:00 p.m. Rather too thick to travel. Mike went over to the old house ruins on east bank of Inman River (the most easterly wood-and-sod houses) and found fragments of a broken stone pot. He found no animal tracks at all. Cooked dog rice and pemmican in tent today.

Inman River, Amundsen Gulf, N.W.T.

March 13. (Mon)

Hazy bright at 6:00 a.m. — 27° at 6:00 a.m. Strong NW wind, somewhat gusty, and snow drifting thickly. Sun shining faintly most of the day, after 8:00 a.m. — 22° at 12:00 m. Sun shining, but snow drifting too thickly to see anything. Wind stronger in afternoon. In camp all day. Finished the last of the dog rice yesterday, and stewed up 5 lbs of dog biscuit (Spratts) and four lbs of dog pemmican for dogs today.

March 14 (Tues.)

Sky overcast in morning, but clearing. Wind still fairly strong from NW, but snow not drifting. −28° at 6:00 a.m. −18° at 9:30 p.m. On track 8:35 a.m. Rather strong NW. wind, and snow drifting along ground. Rounded Clifton Point (the spot on the bay curve where the Boise Point cliffs are shut off from view) at 10:40 a.m. Reached the mission boat Aklavik (built at Collingwood, Ontario) at 12:15 p.m. Found Mr. Hon. H.B. Hoare of Ottawa aboard there. He is engineer of the boat and a lay worker. He brought the Aklavik as far down as Smith's Landing in 1914, and the boat was cast ashore (uninjured) in a storm last September. Clear in evening. Very light westerly wind. The blizzard was pretty thick from NW in afternoon.

Clifton Point, N.W.T.

March 15 (Wed.). Slightly overcast in forenoon. -18° at 8:00 a.m. Light west wind. Clear in afternoon. Warmer. Calm. Hazy and foggy after 6:00 p.m.

Photo 31. 1- Solar "attoon of Collingwood: 11 - 1/50 - B.S 11:30 a.m.

2. do: (from stern).

On trail 12:35 p.m. Passed our old cache (East of Croker River) at 3:40 p.m. The sticks were standing above it. Camped about 3:30 p.m. a little East of Croker River delta, where there is plenty of good driftwood.

Ptarmigan - Mike saw three Ptarmigan on low hills near beach.

Saw no tracks on ice today

March 16. (Thurs.) Foggy at 7:00 a.m. −26° at 7:00 a.m. Strong west wind and snow drifting. We could have continued travelling along the coast, but it was too foggy all day to go up the river and see anything. Fog lifted a little at 8:30. Sun hazy all day. −28° at 8:00 a.m. −29° at 5:00 p.m. −33° at 8:15 p.m. Clear in evening. Strong NW wind. Moon nearly full.

March 17. (Fri.) Cloudy at 6:00 a.m. Slight fog. Light westerly wind. −35° at 6:00 a.m. −32° at 8:00 a.m. Wind about south. −28° at 10:30 a.m. Wind SE. −30° at 5:00 p.m. −33° at 8:30 p.m. Wind SE. Mike went up to the hills where river delta starts to branch out from rock cliffs but he saw no tracks but Hares. He saw one Hare near the river cliffs

Croker River. N.W.T.

March 18. (Sat.) Clear a.m. -39° at 6:00 a.m. Light SW wind. On trail 8:15 a.m. Some rather rough ice along beach for half a mile east of mouth of river. Took on quite a bit of driftwood at mouth of river and started up river at 9:30 a.m., following east bank, a series of gravelly cut banks. River follows numerous channels through many gravelly and stony bars and islands. A few small domes caused by ice rising up, but no recent signs of water flowing. Reached the first rock cliffs, about 20 ft. high, where the river enlarges and spreads out (60-70 yds. wide), at 11:00 a.m. Mr. Chipman had reached cliffs ahead of us, having paced about 4½ miles from coast.

Photo 3A - (473) Croker River, about ½ mile inside entrance of cliffs. H ½/50 B.S. 11:15 a.m.

(474) do.

(475) do. 22 - 1/10 - B.S.

March 6 (Sat.). Cliffs a little inside of first bend as about 60 ft. high. River 68 paces broad. Cliffs abrupt on east side. Stratified dolomite, yellowish on surface, but freshly broken surface is grayish.

3A. (476) Croker River. Castellated dolomite cliffs in canyon. 16 - 1/25 - B.S. 12:15 p.m.

3A. (477) Croker River cliffs. 22 - 1/25 - B.S. 1:20 p.m.

Kist pocket Kodak. (all roll spoiled.)

3. Croker River cliffs. 11 - 1/50 - B.S. 11:45 -

4. " " " 11 - 1/50 - B.S. 11:45

5. " " " Castellated cliffs to south -

6. do. Immediate point - 16 - 1/50 - B.S.

7. do. 11 - 1/25 - B.S. 12:15 -

Showing opposite bank with overhanging snow drifts (west bank).

8. Croker River cliffs. 1:01 p.m.

Dense bright sunshine. - 23° at 1:00 p.m.

Arctic Hare - a few tracks, and many signs along river.

Crater River. N.W.T.

March 18. (Sat.). The canyon walls become gradually higher as we ascended the river, about 100 to 150 ft. vertical on both sides in most places. No tributary creeks. The river maintains a uniform width of about 60 yds., in one place narrowed to about 40 yds. Ice glare in many places but no recent winter overflows. Not much snow or ice except in a few sharp angles. Heavy snow-drifts like cornices overhang the west bank in many places, and there have been small avalanches in places making a few barrier ridges of very hard snow flocks extending most of the way, or sometimes entirely across the river. No vegetation seen but an occasional single dwarf willow clinging to niches inside of cliffs. Occasional stony bars at foot of cliffs at River's Edge.

Crotker River, N.W.T.

March 18 (Sat.) River makes many sharp, short bends, but its general course is north. Rock walls of canyon appear yellowish on surface but grayish when broken off. Some lighter colored bands, and small lenses, of calcite. Strata in general are horizontal but in some places dip slightly not more than 4 or 5 degrees. Mr. Chipman paced all courses and took compass bearings. Camped 3:45 p.m. on a stony bar, near mouth of a deep gully on west side of river. There seems to be a small creek coming in here, but I could only ascend a little way on account of high banks, slippery snowbanks. Chipman paced 4½ miles from coast to cliffs, and 7 miles in canyon.

Croker River, N.W.T.

March 19. (Sun.)

Cloudy a.m. −28° at 6:00 a.m.
On trail 8:15 a.m. and went up around two bends of river, about 3/4 mile. Here is a broadening where a large creek comes from S.E., splitting to send a branch around a large high rock island just before entering River. Found the first place where we could get up out of river, and Chipman and I climbed up to top of hill by cutting some niches on slope. Height of dolomite cliffs of canyon were found to be 310 ft. above river, by aneroid, and the top of ridge behind 350 ft. above river. We could see quite a bit of land on both sides of river.
Went up river with sled about half a mile beyond this place, having some difficulty crossing two large avalanche-formed barricades. Suddenly the river narrowed to a short gateway six yards wide and another narrow place a little beyond, was

March 19. (Sun.) twelve yards wide. I scouted ahead for some distance but the canyon was so narrow and obstructed by almost continuous avalanche barricades of icy hard snow-blocks that it was scarcely possible to take a loaded sled over them. Decided to go back to the forks and camp.

Photo 31-478. Trail on bar. forks of Croker River, about 12 miles from mouth. 11-4/25 - Dull sun 1:00 p.m.

(479). Pointed capped dolomite peak at forks about 12 miles from mouth of Croker River. 11-4/25 Dull sun 1:00 p.m.

(480). Croker River at forks 11-4/25 DS 1:05 p.m.

Wind up the side Creek to SE in afternoon. This is the first real tributary entering the river. Gorge narrow, bed stony, with steep grade. Evidently carries quite a bit of water in spring. Got up out of dolomite canyon of creek in about two miles

Crotker River, N. W. T.

March 19. (Sun.) and wend up on the hills.

Arctic Hare saw several Hare tracks in creek, and Mike saw one Hare. No signs of life on tracks on the hills. Hill-tops stony, mainly barren, a little grass in patches. In general nearly barren sharp, gravelly, rolling mostly running East and West. Wind over hills about two miles to SSW and finally saw Mt. Davy, apparently about eight miles away. To our surprise, we came out on top of banks of main river again. It had made a series of intricate bends and come back again. From her course of river seemed to be more from WSW. The deep river canyon is not visible when more than half a mile from it, and the country looks to be only slightly rolling. Found another short creek with a gorge only about 600 yds. long and descended to river. Wind fairly strong on top of hills and snow drifting along

Croker River. N.W.T.

March 19. (Sun.) grounds but wind scarcely noticeable in river bed. -29° at 5:00 p.m.

Started down river at 3:20 p.m., reached our sled turning-point at 4:50 p.m. and camp a little later.

Canyon is very narrow and tortuous for about two miles above our camp, with apparently quite a steep descent with some rapids, if not waterfalls. The snow drifts and avalanche falls were so deep, however, in most places, that it was impossible to see the character of the river. Every little ways there would be a deep, hard ridge of hard, jagged snow blocks piled up clear across the gorge, perhaps ten to twenty feet deep. In some stretches it was climbing up over one rugged hill of snow, descending into a deep pit, and immediately ascending another ridge, about as bad as pressure ridges are. In some places great cornices of hard drifted snow hung far over

Croker River. N.W.T

March 19. (Sun.) the edge of the banks 200- 300 above. Rock strata horizontal in most places with occasional slight local variations of not more than 4° to 5°. Some reddish spots in the rock in places, giving a slight resemblance to conglomerate. Quartz geodes with topaz brown and transparent crystals numerous.

Coming down the river from the upper creek we found that the snow was not so deep after getting a mile or so above our camp, and we thought we could get a light sled over. Decided to cache everything but tent, sleeping bags, primus stove, guns, and four days food for men and dogs, and explore up river as far as we can with light sled.

Croker River, N. W. T.

March 20 (Mon.) Hazy bright at 6:00 a.m. Light southerly breeze in forks of river. −30° at 6° a.m. Cached stuff and started up river. On trail 10:08 a.m., and made pretty good time, considering the roughness of the snow-block ridges. In some parts of the canyon, the sensation was something like being in the bottom of a New York street canyon with sky-scrapers on both sides.

Phot 31 - 1. Deep canyon on Croker River. Forbes 22 - ±/25 - Dull sun. 10:35 a.m.

" 2. Castellated cliffs in canyon (to East). 22 - ±/10 - Cloudy 10:15 a.m.

Strike of strata East. Dip N. 7° to 8°.

Lunch near creek descended yesterday. 11:40 to 12:00 m, having come 4½ miles. Some bunches of greenish efflorescence in little cave, too high up to reach, so we brought some down with rifle bullet. — apparently sulfate, and oxalic. Brown grains crystals here and there in wet walls.

Croker River. N.W.T.

March 20 (Mon.) River widens above this place, but very crooked, course south, west, East and even north. Passed north one fairly large creek on left (west) bank. Tried to go up another gorge, whose entrance was blocked by an avalanche about 50 ft. high. Wound up about 50 yards, but rounded a short bend found the gorge end in a steep rock wall. About half way up this was a little break over which water had been running in the fall, forming a little ice waterfall. Passed another large creek on west side about 4 or p.m. and a little later the river narrowed again. The entrance of gorge was blocked by a very large snow drift. We boosted sled up, and had to take dogs off to slide the sled down on the other side. The trail began to get pretty bad about 4:45 p.m. and I scouted ahead to try to find a safe place to camp. The river for a mile back had been overhung by great cornices of snow

Croker River, N.W.T.

March 20. (Mon.) zone? which had recently fallen down. Found these pretty bad ridges ahead, but about ¾ mile ahead found the cliffs lower, and the river banks soon became low, and opening out on a snow covered hilly country. Went back to the sled and pulled ahead & camping on a stony island at mouth of a large Creek coming from Northerly direction. Camped at 5:30 p.m. −28° at 6:00 p.m. −38° at 7:15 p.m. −39° at 7:30 p.m.

Clear. Calm in evening after 5:00 p.m. Wind was apparently rather strong from West during most of the day, and fine snow came sifting down into the canyon. No signs of life. Rock dolomitic all the way through the canyon. Went up on hill in evening and saw small canyon just ahead, after which the river valley is broad and surrounding country comparatively smooth, rounded rolling hills.

Crater River. N.W.T.

March 20 (Mon.). Mt. Davy was in sight from hill, apparently not very far away.

Arctic Hare - Mr. Chipman saw one track on the hills near creek when he wound up in the evening.

Today travelled 4½ miles before lunch, 7 miles after lunch. Total 11½ miles. In afternoon we averaged a little over a mile per hour.

March 21. (Tues.). Clear a.m. -46° at 6:00 a.m. Very light south wind. There was no sign of wood around here, and we were using Coal-oil Primus stove. As usual when it is very cold, the Primus sucked in the morning and it took from 5:00 to 8:00 a.m. to get breakfast. After the cooking was finished we put a small inverted can over the burner and the tent was soon pretty warm, particularly at the top, where socks and mitts soon dried.

-26° at 10:00 a.m. -19° at 12:30 p.m. in sun

Croker River, N.W.T.

March 21. (Tues.) — 9° at 4.30 p.m. — 38° at 7.00 p.m.

Mr. Chipman started up the Mt. Davy and Nicke went hunting in the same general direction so I thought it better to hunt in the opposite direction. After ascending a rather steep snow-covered hillside out of the valley, and found the country to west coas a series of low, rolling hills with long, gentle slopes. Went to southwest four or five miles, in the direction of a rather ragged looking range of hills running about east and west. The hills as getting closer proved to be a string of the rather steep gravel ridges and knolls common along this coast; no rock formations visible. Ground very barren, gravelly when exposed through the thin crust of snow on hills; no ground rollicos, and little grass. Worked back to the river three or four miles above camp. Here the river is rather broad, from a distance looking like a lake, but

Croker River. N. W.T.

March 24. (Tues.) the east side of the flat is a broad stony and gravelly flat. The rock in little gorge above camp (about ¾ mile long) is dolomite at lower end about 20' to 25 ft. high with weathered gravel knolls sloping back from tops. At upper end little exposures of a mixture of mud and small stones stick out from sides of eroded hills, and look like rock exposures. Tops of all hills covered with small stones, little angular pieces of dolomite, with a few boulders of granite and diabase.

Photo Vest pocket. [all spoiled]

1. Croker River, widening above little gorge above camp 22 - 1/50 - B.S. 3 p.m.
2. do
3. Rounded hills (glacial gravels?), East of river. 16 - 1/50 - B.S. 3:40 p.m.
4. Entrance to small gorge, looking East
5. Entrance to upper little gorge 16 - 1/50 - B.S. 3:10 p.m.

Croker River. N.W.T.

March 21. (Tues.)

V.P.

6. Overhanging snow-drifts, little gorge. Croker River 16-1/50-B.S. 3.20 p.m.

7. Erosion of mud conglomerate banks, north side, below little Gorge. 16-1/50-B.S. 3.40 p.m.

Arctic Hare — Saw fresh Hare tracks in gorge, running under overhanging snow-drifts. Between the two Gorges, I saw a Hare run up the hillside and shot him at about 250 yds. with Mannlicher — the first living thing I have seen on the trip.

Mr. Chipman went up Mount Davy, paced about 7 miles from camp. Elevation about 1200 feet above camp, by aneroid. Camp about 800 ft. above sea level. No rock exposures were seen. The mountain is a hemispherical mound of gravel about 200 ft. above the general level. A bifurcated shoulder of gravel on NE side of mound. Hills to southward are higher than Mount Davy. River valley runs to south

Croker River. N.W.T.

March 21 (Tues.) for ten or fifteen miles.

Mr. Chipman saw one fresh Arctic Fox track but no other signs of animal life. Ground was very barren; no ground willows; gravelly soil; a few small lakes; very little grass. Hilltops to west rather flat, slightly rolling.

The rock in little gorge above camp is dolomite (about 20-25 ft. high at lower end) the river cliffs overlain with a sort of mud conglomerate. (fragments of dolomite and granite and diabase imbedded in yellowish gray mud or clay. Scattered gravel knolls sloping back from top. In two or three places little Exposures of the mud conglomerate stick out from the sides of the eroded hills. Tops of all hills covered with small stones. Little angular pieces of broken dolomite, with a few boulders of granite and diabase.

Croker River, N.W.T.

March 22 (Wed). Sky overcast at 7:00 a.m. -33° at 7:00 a.m. Calm. -25° at 9:30 a.m. Cloudy. light S.E. wind. -26° at 9:35 a.m.

Photo V.P. #8. Camp in fork at head of gorge of Croker River. 6-1/25 = Cloudy 9:30 a.m. (Spoiled).

Went up river two or three miles but it was too cloudy and foggy to see more than a little way. Snowing from about 9:00 a.m. to 5:00 p.m. with light NW wind. -18° at 2:00 p.m. -23° at 8:00 p.m. Clear overhead at 8:00 p.m.

Apparently the dolomite is finished about 3/4 mile above camp. Beyond that occasional cut banks looking like rock exposures are of a sort of mud conglomerate (yellowish gray clay containing a mass of mixed stones - diabase, granite, dolomite, etc). Strata are nearly

Croker River, N.W.T.

March 22. (Wed). flat everywhere, with occasional dips of 4° to 8°. Climbed up into a little cave, about 10 ft. deep and about 8 ft. above river level, in a horizontal dolomite cliff. Its walls were lined with numerous masses of red iron oxide, and large masses of long, amber colored calcite crystals — very large, long and perfect, which could be cut with a knife about like horn.

Mike went down the canyon of river about 9:00 p.m. to see if there is a good road over the hills to our cache camp on the other creek. He was much put out by the fog, but got clear down to our old camp at 3:30 p.m. and did not get back until 10:00 p.m. He said the trail was very good across the hills, and snow hard

Croker River, N.W.T.

March 23. (Thurs). Clear in morning. Light south wind. −22° at 7:00 a.m. On trail 9:50 a.m. up creek about 1½ miles to south; then East over low, gently sloping hills until 11:40 when we passed head of the creek descended on the 17th. Had lunch here, and descended the creek. The trail was rather stony in places, but our load was light. Reached cache camp at 2:04 p.m., having made it across country in about four hours, while it took us nearly eight hours to make the same distance through the canyon. Slight snow from 12:00 to 3:00 p.m. −5° at 4:00 p.m. −16° at 8:00 p.m. Clear in evening.

Set up a little cross beacon in a little cairn of stones on high bench, right bank of river, just above fork.

Croker River, N.W.T.

March 24 (Fri.). Sky clear 6:00 a.m. Overcast at 8:30 a.m. Wind approximately N.W. as far as we could tell in the bottom of the canyon.

0° at 8:00 a.m. + 3° at 8:45 a.m.

Our trail 8:47 a.m. down river. Passed our old camp site 9:45 a.m.

Ravens. Heard one calling near camp on river at 7:30 a.m. The first bird heard (also) on river. Another Raven flew along the coast near mouth of river in afternoon.

Arctic Hare - Saw one in canyon running on the ice. He disappeared around a bend, and I saw his tracks going up a steep snow-covered cliff at about 80° angle.

Sky clear overhead 10:40 a.m.

Reached end of rock cliffs, 4½ miles from coast, at 11:30 a.m. and had lunch. Started down delta 11:55. When we got beyond the high bank we struck across

March 24 (Fri.). the land and reached our old camp east of the delta at 1:15 p.m. Saw two or three fresh Fox tracks. Kept on going east at a good rate and reached our old tripod Cache (made May, 1915). We dug around it but found no trace of the stuff. It had either been destroyed by bears, etc, or scattered and buried by the fine sand which drifts very badly around here.

Left cache at 2:30 p.m. and reached the "Atkoon" house at 4:35 p.m. Mr. G.E. Merritt and Mr. W.H.B. Home were at the house and made us welcome. 0° at 4:45 p.m.

Fairly strong east wind and snow drifting along ground from 5:00 p.m. on. Clear overcast after 6:00 p.m. and warmer.

Clifton Point, N.W.T.

March 25, (Sat.) Hazy bright cloudy all day.
+1° F. at 7:00 a.m.
+12° F. at 10:00 a.m.
+15° at 12:00 m. Light easterly wind
Stayed at house resting up from trip.

March 26. (Sun.) Hazy and cloudy all day. Light easterly wind all day.
−8° at 8:00 a.m.
−3° at 12:00 m
Stayed at the mission house all day. Messrs. Merritt and Hoare conducted church service according to their regular custom.

Clifton Point, N.W.T.
March 27.

March 27. (Mon.) Cloudy. Foggy. Very light N.W. wind at 7:00 a.m. +1° at 7:00 a.m. Loaded up sled preparatory to starting East, but wind suddenly increased about 9:00 a.m. just as we were about to start, and snow began to drift so thickly that we could not see the schooner. Blizzard continued all day, and we remained at home

March 28. (Tues.) Wind still pretty strong from N.W. at 9:01 a.m. and snow drifting —3° at 9:00 a.m. Wind moderated towards noon. Sky clear —40 at 12:00 m. Nearly calm in evening.

Clifton Point to Wise Point, N.W.T.

March 29. (Wed.)

Sky overcast at 7:00 a.m. −5°. Light south wind.

Our trail 8:20 a.m. Dogs travelled well and we passed our old camp site north of mouth of Inman River at 11:15 a.m. Wind ahead after lunch 11 Kts a.m. Reached the high pole Cache west of Wise Point at 2:05 p.m. Dug out the snow but could find nothing there. Quite a bit of loose gravel and small stones had been washed up among the big boulders which formed our cache. Wind ahead at 2:40 p.m. Camped at old camp site a little East of Wise Point Cliffs at 4:00 p.m. Travelled 25–28 miles today. No fresh tracks seen today.

Clear after 10:00 a.m. Very light southerly wind all day. Warm sun. +4° at 5:00 p.m. −15° at 9:00 p.m. Cooked rice and cracklings for the dogs.

Wise Point to Young Point, N.W.T.

March 30. (Thurs.) Clear. Light southerly breeze at 6:00 a.m. -21° at 6:00 a.m.

On trail 8:20 a.m. Reached the Easternmost dolomite cliff 11:30 a.m. Stopped for lunch and started ahead 12:00 m. Passed the long low point at 1:40 p.m. Saw one Fox track.

Camped at the cross bearing cache west of Young Point at 5:45 p.m. Found the cache intact, and took up the cache. 6 lbs. Underwood pemmican 16 lb. can H.B. pemmican, about 10 lbs. rice and 10 lbs flour. The rice was in small double sack and was not mouldy. The flour was a little wet on outside and called a little.

-40 at 5:30 p.m. Light East wind in evening. Cooked dog food outside. (Fish and Cracklings)

Young Point to Hope Point, N.W.T.

March 31. (Fri.)

Clear at 6:00 a.m. — 20° at 6:00 a.m. Very light SE breeze in forenoon, but increasing after 11:00 a.m., until snow was drifting along ground after 1:30 p.m. On start 8:10 a.m. Passed old camp at Young Point 9:20 a.m., and stopped about 15 minutes for Chipman to bandage a sore foot. Kept a course to SE until 11:00 a.m. to get around the rough ice, then changed course to NE. Reached the old "davit camp" on west side of Hope Point at 3:00 p.m. No tracks seen today except some old Polar Bear tracks at Young Point. Wind was blowing pretty strong in evening, but we cooked dog food in lee of big boulders.

Hope Point to Cape Bexley N.W.T.

April 1. (Sat.) Clear all day. Rather strong East wind so that snow drifted along the ground all day. -20° at 6:00 a.m.

On trail 8:15 a.m. Passed Cape Bexley 11:00 a.m. and reached Cache Point 12:10 p.m. We kept a little off shore along here and found a smoother trail than along the beach. Camped in little bay a little west of Paochnia's winter camp west of Cockburn Point at 4:45 p.m. My feet were feeling rather sore and a little swollen in the evening.

Raven saw one fly over about 4:00 p.m.

Cockburn Point to Bernard Harbor, N.W.T.

April 2. (Sun.) Clear a.m. —20° at 6:30 a.m. Light East breeze. —10° at 11:00 a.m. —7° at 12:30 p.m. Sky clouded towards noon and a few snow-flakes flying.

On trail 8:00 a.m. Passed east end of Cockburn Point 11:00 a.m. Saw quite a procession of native sleds going northwest about noon, about two miles off shore. Reached the C.A.E. station at Bernard Harbor about 1:00 p.m.

Mr. D. Jenness and Mr. Girling came back from their Eastern trip some time ago. The Eskimos opened their sled on the trip east, while in a large village east of Cape Krusenstern and stole most of their rice, so they were on short rations part of the time before they got back. Patsy killed a number of Hares and one Caribou on the coast east of Tree River. They met a good many Eskimos on the trip, but most of them were short of food, and were living on seal skins and blubber.

Bernard Harbor, N.W.T.

April 2 (Sun.) There was a large village near Hepburn Island (Igluhuqyak), mostly the Pelly River and Anniolet people, some Kilusiktogmiut (from Arctic Sound) and others from the Victoria Island side. A number of the Eastern Eskimos had come here about the same time that Jenness returned. Most of them have gone East, but a few are still here, among them an old man Iliciaq (a famous Shaman). Mr. Jenness has obtained a number of new gramophone records.

Messrs. J.P. Cox and J.J. O'Neill started East on March 17th for the survey of the Bathurst Inlet region, taking Okey Bolt (Eskimo) for assistant, also Kokoktak and wife with another sled, so that they can separate their party when desirable. They took provisions for approximately ten weeks.

Bernard Harbor, N.W.T.

April 2. (Sun.) Thuppa and Kokoktak had returned from Tree River before Cox and O'Neill left, and brought back all the collections which we had cached at Port Epworth last fall (including O'Neill's geological specimens and my zoological specimens). They also had cached safely on Port Epworth Island the provisions which we had sent out with them (Jan. 26th).

Seals - the natives camped here killed seven seals today, by spearing. The seals have not yet begun to come out on the ice.

Several families of Eskimos are camped around the station. The Eskimos have done quite a bit of stealing around here yesterday, mostly small articles. The Oppemiut River Eskimos who have been going towards home have been the worst, as they seem to think that they will not see us again and they will be safe

Bernard Harbor, N.W.T.

April 2 (Sun.) One case of pemmican was found in one of the old snow-houses, where it had been hidden, apparently with a view to hauling it away when a favorable opportunity presented. ——, a Pemmie River man, who we called the 'Weasel' in the fall, carried away a whole case of pemmican when he left with a number of other families a few days ago. Mr. Sweeney and Corporal Bruce hitched up a team of the pups and followed them overtaking them about a dozen miles South of here. They asked Weasel what he had done with the pemmican and he, not at all abashed, said it was on his sled. He made no objection to their taking the pemmican off the sled, but when they found one 8-lb. can short, and demanded payment for it, he said that he had given one can to another Man. Sweeney and Bruce

Bernard Harbor, N.W.T.

April 2 (Sun.) took two boxes of .44 cartridges from him for payment. He and all the others seemed to think it was something unheard-of that pay should be exacted for stolen property.

One case of .30-30 cartridges has also been stolen some time during the winter, but it is not certain who took it. Certain of the natives accuse each other. Several of them have said that Ulukpaq (who has been working for us) was guilty, and others accused Aksiatag and Akolaq. Ulukpaq's case is doubtful. He is apparently not very reliable, but he is the shrewdest man in the crowd, and a great many of the other natives are afraid of him freely, although some of them give him a dog whenever they can safely.

Light westerly wind in evening. Cloudy.

Bernard Harbor, N.W.T.

April 3. (Mon.) Clear a.m. Calm warm. Hazy bright in afternoon. Cloudy in evening. East wind

-1.5° at 8:00 a.m. +1° at 5:00 p.m. Max. +6.4°

The old shaman Iliciag and seven Eskimo sleds went East in the forenoon. Mike a little snowblind today although he wore goggles most of time yesterday. Sullivan went Caribou-hunting to the eastward, but saw no tracks.

Developed the films exposed on the recent trip. All of the Vest-pocket films were spoiled by a bit of gummed paper breaking off roll and sticking back of the lens. One 3A roll also ruined by dampness — film stuck to black paper in spots.

Barren Ground Bear — Mr. Jenness bought for me today a skull of large Barren ground Bear (Akłak) killed last spring near mouth of Coppermine River. The Eskimo had the skin but in very poor shape, with flesh missing so we did not buy it.

623. ♂ Ursus arctos richardsoni.

Bernard Harbor, N.W.T.

April 4. (Tues.) Cloudy. Light Easterly wind. Light snow falling. $-3.^{3}$ at 8:00 a.m. $+1.5$ at 6 p.m. Max. $+6.5$.

Held an investigation over the theft of Case of 30-30 Cartridges. Several natives have accused Ulutsvag of stealing it during the winter. He had turned in eight boxes (160 rounds) which he said he had got in Ulutsvag's bag. These cartridges were Remington-U.M.C. (all those traded were Winchester). We took possession of Ulugsvag's 30-30 rifle which he had recently received from Mr. Jennes, and told him that he could not have it back unless the missing cartridges were forthcoming. Ulutsvag asserted that Aksiatag had stolen 20 boxes and Akolag 12 boxes and that they were now on the village ice, and that they had the intention of spending the Summer on Victoria Island. Ulutsvag said he was afraid to go to the village alone,

April 4. (Tues) but offered to go with Mr Jenness to the village to try to get the cartridges back. Mr Gerling offered to go with Mr Jenness and Mutsoag. It seems that the three men will be enough, as they are the best linguists and can talk the matter over with the natives. The natives have never offered any violence, and if more men go over, they may become alarmed and possibly start some trouble. As it has seemed heretofore, the Eskimos have a great appreciation of the benefits of trading with white men, and are anxious to keep on good terms with them. Those who have been detected stealing before are forbidden entrance to our house and vicinity, and they are warned that we will absolutely refuse to trade anything with anybody who misbehaves towards us

Bernard Harbor, N.W.T.

April 5 (Wed.)

Clear all day. Very light Easterly wind. Warm. −6.2 at 8:00 a.m.
Wind NE, 5 mi. −4.1 at 5:00 p.m.
Wind E, 5 mi. Max. +6.7.

Mr. Jenness, Mr. Girling, and Ulukxoq started over to the Eskimo village on the ice to try to get back the stolen cartridges.

Seals: Eskimos speared eight seals today - two Bearded Seals (Ugyuk) taken by Ukpúnik and Nachinn.

Bought two good dogs from — for one .44 rifle.

Bernard Harbor, N.W.T.

April 6. (Wed. Thurs.)

– 3.3 at 8:00 a.m. Wind SE 22.5 m.p.h. Strong Slightly overcast in morning. Southeast wind. Snow drifting. +14.8 at 5:30 p.m. Wind SE fresh. Max +14.2 a.m. Clearing in afternoon.

Caribou – Eskimos saw some Caribou today going north from mainland to east end of Chantry Island.

April 7. (Thurs.) Friday

Clear, warm. Calm in forenoon. –4.8 at 8:00 a.m. Wind NNW. Light East wind in afternoon. +12.5 at 5:30 p.m. Wind E 4. Max +21.5

Made set of exposures with Ansco film pack, carefully tearing off each sheet, then found I had forgotten to pull out the black curtain. The next pack was well timed, but films were partly spoiled by being cramped so that they stuck together in spots in the home made film tank I was using.

Bernard Harbor, N.W.T.

April 7. (Fri.)

Got a good set of exposures with 3A.

48D 3A. 1. Eskimo woman (Kilaulak's daughter) nursing. 11-1/50-B.S. 1:007 p.m.

48D. 2. do. (Eskimo women and children)

483 3. Eskimo children.

484. 4. Eskimo houses.

485. 5. Kilaulak and young woman and girl.

486. 6. Ulukvaq's house, etc.

487. 7. do.

488. 8 Kilaulak (Murfy's wife).

489. 9. Young Eskimo woman and young girl 16-1/50-B.S. 1:00 p.m.

490. 10 Snow houses. 16-1/50-B.S. 1:00 p.m.

Caribou — Ambrose and Patsy saw two a few miles south and shot both — a female (a 2-yr. old) with curved spike horns (unbranched) and a large foetus; and also a yearling male (short spike horns). The cow had some intestinal fat and a little back fat; in very good condition.

629. ♀ Rangifer areticus.

April 8. (Sat.)

Sun shining in early morning. Hazy bright at 8:00 a.m. Light East wind 15 miles — 5.6 at 8:00 a.m. +10° at 5:20 p.m. Wind East 14 mile Overcast and snow drifting. Max. +13.8° F.

Jarjemmed and Mr Gurling and Weksaq came home 5:45 a.m. They had made a long day yesterday from the Eskimo village, but got off their course a little and reached land on one of the points between here and Cockburn Point about 1:00 a.m. this morning, built a little snow house and rested a while.

They had found the Eskimo village scattered, and had to follow up the people. At the village to the ice to the west, they found the house of Atsiatag and Aglua, whom all said had stolen the Cartridges. The men of the village were all out Sealing, but after some protest,

Bernard Harbor, N.W.T.

April 8. (Sat.). from the women, Mr. Jenness searched the hold-all bags of these two men, recovering 14 boxes of the Remington 30-30's. Akaitaq's wife was much afraid he would be angry with her for surrendering the cartridges. When the men came back, there was some excitement. The old doctor Iglikirk advised Mr. Jenness to have the men put away their sealspears and knives before gathering around to talk the matter over. The powwow took the form of a sort of trial. Mr. Jenness accused Aglukq particularly. He denied most of the counts, but Mr. Jenness proved him a liar very easily from his own statements. Most of the people of the village took the standpoint of Mr. Jenness and Aglukq was much frightened, being of the impression that he was going to be killed forthwith.

Bernard Harbor N.W.T.

April 8. (Sat.) Ullugsuq, who has been accused of stealing stuff all winter, has apparently not been guilty. Thirty boxes out of the fifty taken have been recovered, but the thieves had traded some of them to Eastern Natives who have gone away. Amiraumo is said to have got some of the cartridges. The people who have been stealing were warned not to show themselves around the station again.

Graflex photo – 12 glass plates.

500. Group of Eskimos. 3/4. 4. f11. Cloudy dull. 3:30 p.m.

501. Eskimo house. 3/4. 3. Cloudy. 4:00 p.m.

Bernard Harbor N.W.T.

April 9. (Sun.) +9° at 8:00 a.m. Cloudy. Wind East, 12 miles per hour. +13.5 at 5:30 p.m. East, 20 mile per hour, sky overcast. Max. +14.8.

A few Eskimos came in from the eastward, including the Weasel. The latter did not venture to come near the house.

April 10. (Mon.) Clear. Light East wind. 4 miles per hour. +8° at 8:00 a.m. +17° at 5:00 p.m. Clear. Wind East 14 miles per hour. Max. +21.

Mr. Jennes and Patsy Klinger-bay started across to Victoria Island to look for signs of Mr. F. Johansen and Adam, who should have been back here by April 1st, or 2 April 5th at the latest.

Clear in afternoon. Fairly strong East wind and snow drifting along the ground.

Bernard Harbor, N.W.T.

April 10. (Mon.) Went up on hill to try out telephoto lens, but did not have plate magazine loaded right, and could not shift plates. Broke one plate. The plates are rather hard to shift in cold weather, and the telephoto attachment is difficult to focus, as it is so long that I can not focus from rear while looking at screen, so it takes a good deal of experimental adjusting.

Bought two dogs from Okyu'mik for 1 .45-70 rifle and two boxes of No. 2½ primers. This was one of the three rifles, without any cartridges, from the Duffy O'Connor outfit. Okyu'mik has a few old cartridges which he can reload.

1 large yellow dog - named Ekallukpiak
1 medium black dog. " Krē'ngak.

Bought from old man Nachuna,
1 dog named Kō'ming'yuk, for one tin powder and 2 boxes primers.

Bernard Harbor, N.W.T.

April 10. (Mon.) Bought from young man Kaunéó'ic, one dog named Utnaʼyuk, for one machete.

April 11. (Tues.) Hazy bright morning.
+9° at 8:00 a.m. Light wind, North 2 mile.
Sky overcast +17 at 5:30 p.m.
Wind NW 4 mile Foggy.
Max. +30.0

In the morning went out on little island north of Labor encampment to experiment with Celluloid.

1. Station from little island 1/2—1. Stop f11. Cloudy. Underexposed.
2. do. 3/4—4—Stop 8—Underexposed
3. do. 3/4—4—Stop f11. Underexposed

(502)
4. Solar. "Alaska" 3/4—3. f11. Cl. 1:30 p.m.

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April 11 (Tues.)

503. (5.) Alaska. (Capt. Sweeney and dog) ¾-2. fll. Cl. 1:30 pm

504. (6). D. Sweeney ¾-2. fll. Cl. 1:30 pm

505. (7. Haviiyok (Eskimo man). Wearing cotton shirt and all, ¾-2. fll-Cl. 1:30 p.m.

506. (8) Station from East. ¾-3-fll. Cl. 2:00 p

507. (9) Snow-houses (one deserted) ¾-2. fll. Cl. 2:00 p.m.

508. (10) Nalvakluak (boy ca. 8 yrs) fll. ¾-2- Cloudy 2:00 p.m.

509. (11) Jos. Sullivan, cook. do.

510. (12). Atatatta, Eskimo girl ca. 8 yrs. do. ¾-2 fll. Cl. 2:00 p.m.

Braided Seal- I saw one large seal on top of the ice about half a mile east in outer harbor. Haviiyok shot one East of here a few miles a day or two ago. He said he saw several on the ice.

Seals- A large village of Eskimos camped on ice between Okallit Islands, caught (speared) five Seals yesterday.

Bernard Harbor, N.W.T.

April 11. (Tues.) Mr. Fritz Johansen and Adam (Ovayuak) returned in the evening from their Victoria Island trip. He had made no effort to get back here on scheduled time, and from his statements seemed to have endeavored to stay out just as long as his grub lasted. They could have come back three or four days ago, when they were east of Lambert Island, but Johansen said he had three or four days grub left, and thought he would improve the time by "exploring" the Kinneryuak River, which comes out in Forsyth Bay. Mr. Jenness may have a long trip looking for Johansen, but he may pick up his west-bound track somewhere, and return. Johansen was rather keen because I had let Jenness go after him, as he thought that he was capable of looking after himself although everyone here was worrying about his non-return

April 11. (Tues.) P. Johansen's verbal report:

He found no river in the place where the chart marks Mackenzie River in southern Victoria Island but there is the appearance of a river mouth, caused by the convergence of a few small creeks. Low-land in this so-called delta, with some willows.

He said he found native copper in small flakes in basalt on Miles Island, and native copper in boulder near shore just back of Lady Franklin Point. (It appears to be iron pyrite Crystal).

Sandstone exposures at Mackenzie River. Farther east many basalt islands along coast. The only basalt seen on mainland was on north side of the sound behind Richardson Islands. Richardson Islands are very large long islands composed of basalt.

No rock exposures East of Murray Point (the most eastern point reached)

Bernard Harbor, N.W.T.

April 11 (Tues.) East of Murray Point, around Melbank Bay, the coast seems to be low. (Ice measured 7 ft).

F. Johansen — Victoria Island work

Eskimos — Mr. Johansen saw only one group of Eskimos (besides those at Ukullit) They were camped on the ice in Melbank Bay. They said they were mostly Havaktogmuit, Nagyuktogmuit, Kilusiktogmuit and Ukkaliagtogmuit.

The natives told him there is a large river "two or three sleeps" East of Melbank Bay, called Havaktok, a large river, open all winter. See Jenness

Some of these natives had recently seen Messrs. Jenness and Gurling & Wild of these, but some had not seen white men. Some had seen "Ihumatag" (Hanbury) and two other white men several years ago (said they had two boats [canoes] on their sled, and went west. Natives were living on seals & fish now.

The whole chain of islands south

Bernard Harbor, N.W.T.

April 11. (Tues.)

F. Johansen, Victoria Island

of Victoria Island seem to be known as Nagyúktok.

The people from Murray Point to Havaktok River are called Akilliagmiut.

Mr. Johansen found large and small fossil corals on corner of Lester Island.

Caribou — many old tracks, and fresh tracks seen around mouth of Mackenzie River. Two shot — one ♂ on March 1912 behind Richardson Islands, and one ♀ March 31st.

630. ♂ Rangifer arcticus (Skull only)

631. ♀ " " " "

Arctic Hare — one ♂ shot on Richardson Islands, March 1912.

634. ♂ Lepus arcticus canus (Skull only)

Wolves — tracks seen.

Wolverine — many tracks seen along south side of Victoria Island.

Ravens — several seen.

Bernard Harbor, N.W.T.

April 11. (Tues.)

Snowy Owl (?) – disgorged pellets found on Victoria Island, containing hair and bones of Lemmings, etc.

Rock Ptarmigan – 632. ♂ one shot in mouth of MacKenzie River, Victoria Island, March 29th. (head preserved). Numbers were seen.

Willow Ptarmigan – 633. ♀ one only was seen and killed near Cape Porter, on Victoria Island, East of Lambert Island. (head preserved).

April 5, 1916.

Bernard Harbor, N.W.T.

April 12. (Wed). Hazy bright, warmer. +11° at 8:00 a.m. Wind 2 mile. +18.5 at 5:00 p.m. Wind NW. 9. Max. +27.7 ℉. Thermometer registered +38° on deck of "Alaska".

Mr. K. G. Chipman, Corpl. W.V. Bruce, R.N.W.M.P. and Ambrose Ukalunia, and Annie started East bound for the mouth of Rae River, where Mr. Chipman will take up the survey of the coast, from the point where Mr. Cox left off last spring. He expects to finish it up to Cape Barrow by May 25th.

Corporal Bruce, volunteered to go along with Mr. Chipman. They took dog food for about ten days, but expect to get seals and meet the Caribou coming south. There are provisions cached at the mouth of Coppermine River, Rae River, and Cape Barrow.

Took a number of exposures with Graflex films, but most turned out badly

Bernard Harbor, N.W.T.

April 12 (Wed.) Graflex. film exposed:

511. Eskimo woman. Kud'luk, wife of Oktunuk. $\frac{3}{8}$-4. f11.

512. do.

513. D. Sweeney and "Buster" do.

514. "Sis" and Angayuk. do.

515. Eskimos

516. do.

517. Eskimo house, with bags of goods drying on outer wall. (Ulukvaq's)

Bernard Harbor, N.W.T.

April 13. (Thurs). Cloudy morning; hazy bright +11° at 8:00 a.m. Wind NE 3 miles +16.° at 5:2[illegible] p.m. Wind NNE. 3 " Max. 43.4.

All the Eskimos here packed up and went east today. Some of them are coming back, and put their spare stuff on a high rack made by lashing together their spare boards, tables, etc.

Lamp – a stone lamp in ground under cache measured: length 5½" - width 10

Mr. Jennes and Patsy returned from Victoria Island in the evening. They camped on the ice about eight miles from Victoria Island last night. They had picked up Mr Johansen's trail north of Lady Franklin Point and followed it south to the mouth of Kinerynuak River.

Two Eskimos came over from ice village bringing four Seals. Their visit brought for 1 lb. powder, and 2 for set. 4 reloading tools

Bernard Harbor, N.W.T.

April 14 (Fri.). Hazy bright warm. +1° at 8:00 a.m.
Wind NE 2 miles +10.5 at 5:20 p.m.
Wind NE 4 " Max +36.5.
A few snowflakes flying in the afternoon.

Dug out the winter cache on east side of house, and started to thaw out the remaining fall caribou specimens. Photographed some odd heads of Caribou showing typical antlers

491. Caribou head ♂ ad.
492. " " ♂ "
493. " " ♂ "
494. " " ♂ juv.
495. " " ♀ ad.
496. " " ♀ "
497. " " ♂ ad. 11-1/25-Cl. 5:00 p.m.
498. " " ♂ ad 11-1/25 " "
499. " " ♂ " 11-1/25 " "
282 " " ♂ " 11-1/25 " "
283 " " ♂ " 11-1/25 " "
284 " " ♂ 16-1/10-Cl. 5:30 p.m.

Bernard Harbor, N.W.T.

April 15. (Sat.) Cloudy. Light NE wind. A little cooler than yesterday.
+5.5° at 8:00 a.m. Wind E. 3 miles
+14° at 5:30 p.m. Max. +23.5°

Lemmings – skinned two white Lemmings obtained from Eskimos here in November 1915.

635. ♂ Dicrostonyx [illegible] 122-12-17.
636. ♂ " " 116-12-16.
637 Sex. Dendraica p. palmarum. ~~Vermivora~~ Cetata This bird came flitting around the house on Sept. 28, 1915, and was shot by F. Johansen, but badly mangled with large shot. (Identified by P. A. Taverner)

Worked on Caribou skins all day today, skinning out heads, feet, and washing blood from skins.

Caribou – Patsy went over to Okalliet today and back to fetch some pemmican cached by D. Jenness. He saw a herd of nine Caribou going ~~north~~ east, ~~and shot~~ one ♀. #639. ♀ R. arcticus. L. 80". T. 4¾". Ht. 19". Other tracks seen. Large forties in Caribou skins.

Bernard Harbor, N.W.T.

April 15 (Sat.) Adams and Mungalina were out all day looking for Caribou. Adams was partly snowblind in evening, as he had broken his goggles and left them at home.

April 16. (Sun.) Cloudy a.m. Dull sunshine in afternoon. Clear towards evening. +5° at 8:00 a.m. Wind 8½. +17.1 at 5:30 p.m. Wind S 2. Max. +58 (?) under cloth cover. Worked on Caribou skins most of day.

Three families came over from islands in evening. Kaiariok, Agnanyak (his wife) and Ihumatag (daughter). Itigaitok (Footless), Tattoak (his wife) and adopted child (daughter of Agnanyak), ——, Milukiak (wife), and baby girl.

Photos. 31.

551. (1) Agnanyak, woman wife of Kaiariok 1+ 1/50 B.S. 6:00 p.m.

552. (2) Kaiariok and Ihumatag (daughter)

April 16. (Sun.)

5'53. Old woman Tattuk "1/50 B & 6-4 p.
5'54. Husband Itogaitek ("Footless").
5'55. Eskimo sleds arriving (Pooled)
8 - 1/50 Bright sun. 6:00 p.m.
5'56. Old woman, Tattuk, and adopted child (sister of Ihumatog

April 17. (Mon.)

Clear all day. Calm. warm.
-2° at 8:00 a.m. Wind NW 3 miles.
+20.9 at 5:30 p.m. " ESE. 3 "
Max. +26.4 °

Spend most of the day skinning out and fixing two large bull Caribou skins left over from last November. The heads are very slow to thaw out, pretty solid after 24 hrs. in warm house.

Several more Eskimo sleds came over today from Ukullit (Victoria and Sutton Islands) - among them Ikputkuag (Jenness's man), and others.

Bernard Harbor, N.W.T.

April 18 (Tues.) Clear all day. Light Easterly wind +10° at 8:00 a.m. Wind SE 8 miles. +25.8 at 5:30 p.m. Wind East 3 miles. Max. +33.8.

Some natives came over from islands. Bought from native, three Caribou (reindeer) skins near Chantry Island.

*643 ♀ Rangifer arcticus.

*644 ♂ Bearded Seal (Phoca barbata) Foetus, taken from body of mother. Foetus about the same size as an average Common Seal, darker colored than adult, with hair somewhat crinkly and softer than adult. L. 1210 mm. Tail 160 mm. H.F. 125 mm.

Caribou - a band of twelve seen crossing ice to Chantry Island about 6:30 p.m. Several men went after them. Adams and Hoffman shot one during the night, and Hoffman four.

Mr. Hoffman saw a Snow Bunting near Clark today, the first of the season.

Bernard Harbor, N.W.T.

April 19 (Wed.) Clear. Light east wind. Thawing all day. +19 at 8:00 a.m. Wind SE 5 mi. +32.4 at 5:20 p.m. Wind SE 11 mi. Max. +37.3.

Snow Buntings — Angayu saw one in the morning. I heard some flying over about noon.

Caribou — a herd of about twelve seen near end of Chantry Island in forenoon, going north. D. Pukhuog killed four and wounded one. Cockney got the wounded one in evening.

Mr. D. Jenness, Mr. Girling and Paddy started west to Clifton Point in forenoon. Mr. Jenness intends to investigate the Inman River Eskimo ruins, and perhaps make a short trip across to Victoria Island (vicinity of Cape Kendall) before coming back.

Graphophone.

1. "Alaska" (from house) 1¾ - +16.3 5 p.m.
2. Eskimo dogs and snow-wall, ca. 100 yds. 1¾ - +6.3 5 p.m.

Bernard Harbor N.W.T.

April 20. (Thurs.)

Clear. +22° at 8:00 a.m. Wind S 12 mi. +32° at 5:20 p.m. Wind SE 12. Clear. Max. +35°.3

Mr. Sweeney and Adam dug out a cave in the Great snowbank on side of hill north of the Alaska to hold the caribou meat in cold storage. This big drift does not entirely melt away until August or September.

Caribou — Ikpukhuak killed three caribou to the Eastward in the Canning and saw one more.

Snow Buntings — Three males on ground around house in afternoon, still with some of the winter brown tints in their plumage. The pups kept chasing them about, giving them no rest, and finally they flew away.

Telephot plates —

1. 1/50 sec Stop f6.3 All exposures telephot
2. 1 sec. " f6.3 slightly blurred.
1. 0- Stop 22. 3 sec.
2. 0. " 16 3 sec.

Bernard Harbor, N.W.T

April 20 (Thurs.) Wind up on the high hill SW of bay (about 1200 yds.) from house & make some telephoto exposures.

Graflex

518. Tele. 3/4-4. f8. B.S. C.N.E. Station. 5m/p.
519. Liston and Sutton Isd. 3/4-4. f11. 5m/p
520. "Alaska" from house. 1/2-2. f11.
521. 23" bus. Eskimo tent. 3/4-4. f11. 6m/p.
522. do. (Another tent) do
523. do. Drying rack and skins
524. Eskimo woman Kulāhuk

April 21 (Fri.) Cloudy all day. + 32° at 8:00 a.m.
Wind WNW 7 mi. + 27.8 at 5:20 p.m.
Wind NE 5 mi. Max + 35.7.
Developed a number of telephoto plates but results are mostly poor. They all give image rather faint and slightly blurred, regardless of time exposed.

Bernard Harbor, N.W.T.

April 22. (Sat.) +19.7 at 8.00 a.m. Wind ENE 1 mi.
+23.9 at 5.40 p.m. Wind ENE 11.
Max. +32°. Snowing in morning, but snow stopped during forenoon. Overcast in afternoon, a little snow.

Four men came in from the Eskimo hunting camp at little creek called Kogluktualuk, west of Cape Lambert, bringing fifteen Caribou.

Muffa, 4 Caribou — 1 lb powder, 2 or 3 primers
Kaïina, 4 " — 1 lb powder, 3 or 4 primers
Ikhuina, Muffa (large man with dark brown beard and mustache), 3 Caribou, 1 lb powder, 6 or 7 primers, 6 bars lead
Aibrak, 3 Caribou, 1 lb powder, 2 primers

Caribou — a great many seen west of Cape Lambert day before yesterday, and many killed. Muffa said Ulukseaq has killed a great many but is now snowblind and cannot hunt

April 23. (Sun.) Cloudy bright in forenoon.
+ 22 at 8.00 a.m Wind E 5 miles.
+ 29° at 5.00 p.m. Max. + 34.7.

Bearded Seal – three seen on the ice far off shore.

Jenness's younger man, wife and child packed up in the forenoon and started ashore to the Islands bound for Victoria Island, where they will hunt the coming summer. The other four Eskimo now returned to their camp west of Cape Lambert.

Snow Buntings – around house in afternoon, but were soon chased away by pups.

Graflex films

525. Eskimos (—— and Miluksak) loading sled. ¾ 4. XII. Ω. 10.30 a.m
526. Miluksak, woman. ¾ 3 XII. Ω. "
527. Ikhunia (front) ¾ 3. XII. Ω. 10.30 a.m
528. " (side) " "
529. " (back) " "

Bernard Harbor, N.W.T.

April 23 (Sun.)

Graflex films
530. J.E. Hoff. Engineer. "Alaska"
3/4-3. f11. Cl. 10 30 a.m.
531. D. Sweeney do.
532. Nuke, (Siberian Eskimo) do.
533. Mupfo (Coron. Gulf Eskimo) do.
534. Gorgie, Nukes son. do

April 24. (Mon.)

Hazy bright morning. Somewhat foggy. Heavy frost on everything outdoors. Clear afternoon. Calm
+18° at 8:00 a.m. Wind E 3 miles.
+32° at 3 pm Wind E. Max +36

Tried the telephote again, resting camera on a solid heavy barrel, to be sure and have it steady. B.S. 3 pm
1. "Alaska" from house. 1/2-1. f16. B.S. 3 pm
2. do. " " 1/2-2 f16. B.S. 3 pm
3. " " " 1/2-3. f16. B.S. 3 pm
535. Alaska from house. 23" lens.
3/4-4. f11. B.S. 3:04 p.m.
536. C.A.E. house, from west. 3/4. f11.

April 24 (Mon.)

537. Old woman (Ikpukhuag's wife). ¾-4. Fll. B.S. 3:20 p.m.

538. Ikpukhuag's Kayak, on snow rack. ¾-4. Fll. B.S. 3:20 p.m.

539. Eskimo tent house. Ikpukhuag's. ¾-4. Fll. B.S. 3:20 p.m.

540. Deserted snow house. do.

541. Deserted snow houses. Large holes cut in sides for removal of household goods.

542. Eskimo rack cache.

Caribou. two Eskimos came from East in afternoon, bringing seven Caribou. Another man had stopped a little way back to chase some Caribou seen on the way. He came in later saying that he had killed one, and the others had run away. Eight Caribou purchased today, all for powder and lead.

Another bunch of Eskimos came in from the north in the evening, one woman with two husbands. &c.

Bernard Harbor, N.W.T.

April 24. (Mon.) Bearded Seal— An Eskimo brought in fresh skin of foetal Ugyuk, containing head and flippers unskinned. It was considerably larger than the foetus obtained April 6th. Purchased it for four bars of lead.

646 ♀ Phoca barbata ♀ foetus.

April 25 (Tues.) +12.° at 8:00 a.m. Wind E.S.E 2. Clear. Hazy towards noon. +37° at 5:20 pm. ESE 2 miles Max. Temp. +39°

The Eskimos hung around all forenoon, wanting to trade about everything they had. Bought a few scraped Sealskins for water boots.

Rock Ptarmigan— a flock of seven came near the "Alaska" and Mr. Hoff shot three males. Plumage pure white, with black stripe at lores.

Unpacked box of specimens collected at Port Epworth and mouth of Nee River in June and July, 1915, by J. J. Hill and J. R. Cox

Bernard Harbor N.W.T.

April 25 (Tues.). Specimens from Port Epworth, Coronation Gulf, N.W.T.

Sex Archibuteo lagopus sanctijohannis four eggs (two broken) "from Port Epworth Coronation Gulf. Shot by Mopsa, June 17, 1915. (Tail of hawk for identification) J.J.O'Neill." Rough legged Hawk.

Sex Aegialitis semipalmata. Semipalmated Plover. "Coronation Gulf. 4 eggs in nest made of small sticks and dry willow leaves in a small hollow in the ground about 3' from high water mark. Color adaptation rather perfect. Line of small willows and stones along beach. Collected June 30 1915, together with the bird that owned the nest. J.J.O'Neill Spec. ♀ C.

647. ♀ Canis occidentalis albus Sabine. (Skull.) West side Port Epworth harbor, Coronation Gulf. June 19, 1915. Shot by Nuktuk. J.J.O'Neill

Bernard Harbor, N.W.T.

Specimens from Pond Epworth J.J.O'N.

April 25 (Tues). 648. ♂ Canis occidentalis albus Sabine. Skin, skull, and leg bones. West side Pond Epworth harbor, Coronation Gulf. July 25, 1915. Shot by Kanuuak. J.J.O'Neill.

649. Sex ? Lemmus sp. (Brown Lemming). Skin and skull. L. 4.88" T. 0.5" Ht. 0.75 Caught by J.P. Cox. near South end Pond Epworth, June 21, 1915. Skinned by J.J. O'Neill.

650. ♀ Gavia adamsii. Yellow-billed loon. Pond Epworth harbor Coronation Gulf. July 16, 1915. Ex. Wt. 9.6 lbs.

651. Archibuteo lagopus sancti-johannis (tail coming). Pond Epworth harbor. Shot by Muffa. June 17, 1915, taken with set of four eggs from nest in niche in cliff.

652. Sex ? Aegialitis semipalmata (skin). Taken with four eggs in nest. South end of Pond Epworth harbor, Coronation Gulf. June 30, 1915. Length, head bill down, 6.475 inches. J.J. O'Neill Spec. &c.

Bernard Harbor, N.W.T.

April 25. (Tues.)

Specimens from Port Epworth, etc.

653 ♀ Arenaria interpres morinella. (Lowe).
Shot at Port Epworth Harboy Coronation Gulf. June 19, 1915. J.J.O'Neill
Skin worthless for preservation.

654, ♂ Citellus parryi Subsp. Coll. by J.J. O'Neill. Cape Barrow, Coronation Gulf, N.W.T. Aug. 4, 1915.
L. 13.75" T. 4.1" H.F. 2.2"

655. ♀ Gavia adamsii. "Tuelik"
Coll. by J.J. O'Neill. (Skinned by Natkusiak)
Gray's Bay, Coronation Gulf N.W.T.
Length total 2.73'. Aug. 2. 1915.

Caribou — Sullivan went out in forenoon and saw two Caribou, shooting one bull ordered out of Chantry Island. It had shed its antlers, but the new antlers had not yet started to grow out, only the little bony knobs still showing on top of head.

Clear all day. Light fog coming up from northward about 10:00 p.m.

Bernard Harbor, N.W.T.

April 26. (Wed.) Sky overcast in morning; baggy bright clouds. +18.5 at 8:00 a.m. Wind Nnar. 2 mi. Clearing on eastern horizon. Sun shining faintly around noon. Re-wrapped and placed the Tres Rivers collections to dry. They were a little damp from snow sifting into the two boxes. +19.3 at 5:20 p.m. Wind west, 10 miles per hour. Sky overcast; snow flying. Bar. 29.87. Max. +42. Snowing heavily in evening. Wind about 25 miles per hour at 8:00 a.m.

April 27. (Thurs.) +9° at 8:00 a.m. Wind N.W. 20 miles. Bar. 29.860. Cloudy. Snowing. Weather clearing a little but snow drifting thickly. +12° at 5:20 p.m. Wind WNW. 22 miles. Max. +30°. Clear sky. Snow drifting a little less thickly. Bar. 29.990

April 28 (Fri.). +6° at 8:00 a.m. Wind North, Variable 1 mile. Weather clear. Bar. 30.090 +14.7 at 5:20 p.m. Max. +35. Wind 3.

Caribou — Eskimos brought in 16–17 Caribou. Ulukkaq had a big sled load of Caribou Carcasses and his father had an Ugyuk.

The natives all started home in the evening to the Eastward.

Spent most of the day preparing for my trip East. Adam Ovayuak will go as my assistant. The Engineer Mr. J.E. Hoff and Mike will go along with mother sled to bring back the launch engine (7 H.P. Gray), and the Evinrude motor from Fox River (Port Epworth) Coronation Gulf.

Bernard Harbor, N.W.T

April 24 (Sat.). Cloudy a.m. Warm. Light snow falling until afternoon. +11° at 8:00 a.m. +8° at 7:30 p.m. Wind E & NE 2 miles 8:00 a.m. Wind NW.

Left Mr. D. Sweeney in charge of ship, stores and employees and Mr. Johansen (at his request) in charge of living room of house for a work-room for members of the scientific staff who may be present.

On trail 11:40 a.m. We had gone some distance past Chantry Island by 2:00 p.m. Passed three Eskimo sleds going west loaded with Caribou, Seal, and Ugyuk meat. One belonged to the old man Nachin, one to Komerk, and one to _____ (Kilaulut's son-in-law).

Saw seven tents ahead (west of Cape Lambert, at creek called Kogluktealuk), and hauled in to beach and camped about 6:00 p.m. to avoid being bothered by pilfering natives. Little wood on hand today.

Ravens - saw four today.

April 30. (Sun.) Clear all day. Light NW wind in forenoon, increasing in afternoon so that snow drifted along the ground. Overcast after 5:00 p.m. +9° at 5:00 p.m. +7° at 7:00 p.m.

On trail 9:10 a.m. Passed man and boy going to hunt, shortly after we started. Reached Eskimo Camp of seven tents (Ulukong, Muffa, Kuarek, Itputkuag, et al), in about half an hour. Ulukong told us that Ti tit a yuk (in camp a little way farther east, has some Ross cartridges and some .22's stolen from the station.

Caribou. Muffa said he saw plenty of caribou near here yesterday. He gave us one small saddle of meat - all we wanted to carry.

Another camp of several tents seen on ice about one mile beyond this camp, SE of east end of Lambert Island.

Cape Lambert, Dolphin and Union Strait.

April 30. (Sun.)

caribou
Passed Haviiyok, wife and child going East. He had just shot a cow Caribou in the ice. The unborn fawn had very short hair.

Passed another camp (two tents) of Utaqyuk and others about three miles west of Cape Lambert bluffs, but only women and children were at home.

Another camp, two or three tents, at Cape Lambert (Kaiariok's and Itagaitok's). K.'s wife came out and wanted us to stop, saying they had fat caribou meat. (about 1:15 p.m.). also begged for matches.

Went ahead and camped at East end of "short portage", south west of Cape Krusenstern, near Mount Barrow, a little after 4 p.m. Took bearings of islands while weather was clear. No wood to be found here tonight.

April 30. (Sun.) Caribou many tracks today. Saw a band of about fifteen about 6 miles west of Cape Lambert. Unlimbered telephoto Graflex, but the Caribou were scared by Haviuyok who shot one. The others went north in two bands, through rough ice towards Victoria Island. Saw another band coming north over bay west of short portage. I sent sleds ahead to make camp across the portage, and waited behind a rock for Caribou to pass me as they were going straight north. They became alarmed, perhaps by hearing dogs, and started N.W. heading to outside of Cape Lambert. Many Caribou tracks on portage.

583. 3A-1. Eskimo tent village Utukoyak, 11-30-B S. Ikm
584. 2. Group of Eskimos at village.
585. 3. Haviuyok's wife pulling sled.
586. 4. Haviuyok and sled.
587. 5. "
588. 6. "

Coronation Gulf – Cape Krusenstern to Islands.

May 1. (Mon.) Hazy bright morning. Light NW wind. Sun came out about 7:30 a.m. Wind SW at 4:00 p.m. and East in evening.

On trail 8:40 a.m. heading for the largest of islands visible to SE. Reached island 3:40 p.m. and camped. Travelled about 19–20 miles today, going pretty straight.

Clear all day. Light SW breeze, +19° at 4:00 p.m.

Bearings from large island where we camped (Paunerakttok), to Mount Barrow E. 250° magnetic
" Point Lockyer bluff E. 220° –

Caribou many Caribou tracks on top of island (Paunerakttok, the most western islands of the Duke of York Archipelago. Caribou tracks, some old and some fresh seen all day today as we were coming across from Cape Krusenstern – Lockyer portage to islands – Every hundred yards or so a trail

May 1. (Mon.)

of scattered bands, all going north. No Caribou seen today. In evening went up on top of S.W. end of island, but could not get around diabase shoulder to East, the cliffs being at least 200 feet high.

Hares - a few Hare signs and many Caribou tracks on island. Mike and Adam went across island 9-11 p.m. Saw Jennes' old camp, and Eskimo snow-houses (charred wood in tent-houses). Some small pieces of driftwood on west side of island.

Caribou - large herd of about 50 Caribou seen going past west end of island about 10:30 p.m.

From the top of island I could see Douglas Island plainly, also the Victoria Island shore continuously to the northward and the mainland to the southward rising behind innumerable islands.

Duke of York Archipelago. Coronation Gulf.

May 1. (Mon.) The old dog Ittilik was worse to-night. He howled all last night as if in pain, and tonight acted queerly, and kept frothing at the mouth and coughing. I finally shot him. This dog had part of his nose and some of his last fingers off during the winter, but had recovered apparently.

Mike said he saw a large lake on the north end of this island. Adam says that he and Mr. Johansen camped on an island of this group about one mile north of this one, when they were going East around the south side of Victoria Island in March. He says they got the copper looking specimens of iron pyrites from that island.

May 2 (Tues.) Fairly strong East wind, which kept increasing all day. Snow drifting fairly thickly along ground all day. +19 at 3:00 p.m. (in sun). +9° at 5:00 p.m.

On trail 9:50 a.m. around the East end of island.

Wolf - Saw a white wolf standing on ice at East end of island. We stopped sled and fired a shot at 300 yards, and wolf ran across to the other small island.

Caribou - Going around the island, saw what I thought was a white fox run up along side of thirty-foot talus slope at foot of 200-foot black decaisse bluff. I went up to look at sedimentary rocks at base of cliff, and sled went ahead. The fox proved to be a Caribou fawn (male), nearly pure white. It was shot by Ikuke. It was very lean, scarcely 50 lbs. of meat altogether; grubs in skin about 1 inch long, and

Coronation Gulf, N.W.T.

May 2. (Twest) with dark horizontal bands around them. It seemed probable that the fawn had been lost from herd, or cut out from herd seen last night, and scared up here by wolf this morning.

Passed small rock island about 3:00 p.m. and camped about 3:30 p.m. on long, low island in direct line from Pauneraktok to the conspicuous high island (Nanöktun?) which has a different shape from all the other islands ( )

Bearings from camp tonight,
To South end of Pauneraktok Bluffs.
E. 260° magnetic
To Nanöktun(?) E. 70° magn.

Underlying the diabase at Pauneraktok Island is a series of alternate layers (ca. 1" thick black and reddish strata), below this is flesh colored dolomite (?), dipping about 10° to W. or SW.

(Specimens taken for J.J. O'Neill)

Duke of York Archipelago.

May 2. (Tues.) In the evening Mike and Adam saw a large whitish bird, but were not sure whether it was a Snowy Owl or a Gyrfalcon, on account of the snow glare.

Wind slacked a little in the evening, but increased after midnight. Wind strong SE or ESE.

Caribou — large numbers of north-bound Caribou tracks seen all day.

May 3. (Wed.) Clear. Wind strong (over 20 miles per hour), and snow drifting thickly. +10° at 7:30 a.m. (min. sun) +15 at 6:00 p.m.

Sunshine bright all day, but snow drifting so thickly that we could seldom see very far. On trail 9:45 a.m., following Mr. Jenness' old trail across top of low island.

Passed South of high steep-sided island.

Duke of York Archipelago. Coronation Gulf.

May 3. (Wed.). Several islands in this group. Camped 4:35 p.m. on low island. Tree River (Port Epworth) opening in south. Wind lowered some about 5:00 p.m. so we could see around. Several islands a long distance to the northward and a few small islands to the S.E. Granite hills (rounded) on mainland south qr. + 15° at 6:00 p.m. + 6° at 10:00 p.m. Bearing of high island passed this morning is 270° E. magnetic.

Caribou — numbers of tracks going north, but much fewer than on land covered yesterday.

Arctic Hare — Nicki nearly walked over one among the rocks on island. He tried to kill it with a stone, then called to Adam to bring a rifle, and he shot it, a female.

May 4. (Thurs.) Clear a.m. Light SE. wind, but a little gusty. + 5° (in sun) at 8:00 a.m. 0° (in shade) at 8:30 a.m. On trail 9:50 a.m.

Bearing of black diabase cliff west of Port Epworth, E. 80° magn. Travelled one hour to small group of low islands. No more islands between these islands and Port Epworth. Bearing from here. To Easternmost of high black islands (Kingaq?) E. 330° ca. 15-16 miles.

To west end of high cliffs 12 miles west of Port Epworth, E. 110°, magnetic, to highest tip near portage, about 2 or 3 miles from coast.

Caribou — a very few tracks seen on ice today.

Arctic Hares — two seen on Port Epworth Island in the evening.

Kept on pretty steadily about SE. all day, and reached Port Epworth Island 7:30 p.m. (9 hr. 40 min. on trail),

Coronation Gulf. N.W.T. (Port Epworth).

May 4. (Thurs.) The landmark for which we headed in early part of day was the 1000-ft. granite mountain several miles back of head of river. In the afternoon this was shut off by "600-ft. Cliff" the diabase ridge just west of harbor, and later we headed for island in center of harbor entrance. No wood here, so we camped on ice at west end of island to get a level spot.

The umiak, canoe, and cache here apparently all right. No animal tracks around, and Eskimos have apparently not been here since fall.

+90 at 8:00 p.m. Clear.

+90 at 10:30 p.m. Cloudy and snowing.

Wind S.E. all day.

May 5. (Fri.) Cloudy at 7:00 a.m. +11° Fahr. Snowing a little. Fairly strong NW. wind. +20° at 12:00 m. +14° at 8:00 p.m.

Cached most of our stuff on west end of island at mouth of harbor, and went up the river with light sleds. Our trail 9:30 a.m. and reached launch cache about 11:20 a.m. Snow was a little softer (not drifted so hard) inside of the bay.

No tracks at all except one bunch of very old (probably autumn) caribou tracks.

Dug out the launch and Mr. Hoff took out the Jay motor Adam and Mike went up the river in the morning, and found the snow very soft, and saw no tracks of anything.

Willows here were buried nearly to the tops and it took a good deal of skirmishing to get only one armful of small dead willows.

Port Epworth, Coronation Gulf, N.W.T.

May 6. (Sat.). Clear a.m. +10° at 8:00 a.m. Much warmer in afternoon. Calm forenoon, but NO breeze after 4:00 p.m.

Exposed 12 plates in Graflex plate magazine.

658. #1. Granite mountain ("1000-ft Hill"). Katurigaluk. South of falls of Tree River. 3/4-3. f11. B.S. 11:45 a.m.

659. #2. do. 3/4-3. f16. B.S. 11:45 a.m.

660. #3. Potstone quarries, to East of Kogluktualuk (Tree River). 3/4-4. f16. 12:00 m. B.S.

661. #4. do. 3/4-3 f16 B.S 12:00 m.

662. #5. Diabase cliffs, East side of Port Epworth, from SW. at mouth of Tree River. 3/4-4. f11. B.S 12:30 p.m.

663. #6. Dolomite cliffs, towards north (towards Port Epworth island). 1½-4. f11. B.S 12:30 p.m.

664. #7. do 3/4-4. f11. B.S 12:30 p.m.

665. #8. Mrs. J.E. Hoff and Nuttle with motor loaded on sled. Mouth of Tree River. 3/4-4. f11. B.S 12:30 p.m.

Port Epworth, Coronation Gulf, N.W.T.

May 6. (Sat.)

666. #9. Diabase cliffs, east side of Port Epworth bay. 3/4-4. f11. B.S. 2.00 p.m.

667. #10. Diabase "600-foot cliff". west of Port Epworth bay. 3/4-4. f11. B.S 2.30 p.m.

Loaded up sleds in forenoon. Left two fishnets (for Muspa and Kohoktok) and some useless tools in launch. Took the oars and boat anchor to the island.

Ravens - saw two or three.
Snow Bunting. Mr Hoff shot one.
Arctic Hare - Nikle saw one.
Caribou - saw two fresh tracks crossing the middle of the bay, going west. About 6:00 p.m. four Caribou were seen going N.E. on the ice just outside of island. Made two exposures at about 1/2 mile with telephoto, but they proved worthless.

Port Epworth, Coronation Gulf, N.W.T.

May 7. (Sun.) Clear day. +13° at 8:00 a.m. +20° at 10° a.m. Very warm in afternoon. Light N.E. wind.

Spent forenoon digging out the canoe (umiak) Cache on south side of island. Found the ugyuk skin canoe cover all right in the bottom of the rock cache. I had been afraid that wolverines might have been attracted by the odor of the cache and dug it out. In that cache were

1 case, Man pemmican 50 lbs.
1 " Dog pemmican 4 lbs.
1 " Dog Biscuit. (opened)
1 box Sugar 50 lbs.

This was not all the stuff we had stored down, so we opened five caches on the western end of the island where we had cached specimens last fall. Opened five caches, finding Eskimo stuff in all but the last one, which contained the Evinrude motor. In another cache found 1 case Man pemmican 50 lbs. 1 Case Oatmeal 50 lbs. 1 Case Dog biscuit 50 lb

May 7. (Sun.)

Took from cache, for Mr. Huff:
5 tins blue (male) 2 tins red (dog) pemmican, 46 lbs.; 10 lbs. Oatmeal.
For myself 1 tin blue, 2 tins red pemmican (2 ½ lbs), 10 lbs. Oatmeal. 10 lbs dog biscuit.

Arctic Hare – Adam shot a female hare on hill and skinned her before coming home. Four embryos in uterus, Each about ¾ inch in diameter.

Caribou – In the afternoon Mike and Adam went up on the hills to look around and saw two small herds (19 in all) lying down on the ice near the west side of the bay (near the outlet of creek from the "portage lake"). They remained there quietly for two or three hours, and about 6:00 p.m. we went after them, I took only the Graflex camera.

Port Epworth. Coronation Gulf. N.W.T.

May 7. (Sun.) Mr. Hoff went over to the western side of mouth of harbor, and Adam and Mike went on the East side of bay. I walked out to middle of bay a little inside the entrance and lay down behind a little snow ridge to watch the Caribou. Several of them kept wandering aimlessly around, and the others (about fourteen) strolled slowly Eastward, about opposite the "Dolomite cliff". Made two telephoto exposures. 1. 1½-1. f6.3 B.S 6:30 p.m. 2. 1½-1. f6.3 B.S. (Unsuccessful). Mike in the meantime had worked around to the East side of the bay and got behind a little island. The Caribou came nearly within range of him and stopped, then moved back and forth a little. They had previously been all the time frequently smelling the ice as though feeding. After about an hour of this, I began to get chilly, as the temperature fell rapidly as the sun got lower, so I got up.

May 7. (Sun.) and walked boldly towards the Caribou, which were 500-600 yards away. When the Caribou saw me, they started to come towards me at first, then started to run to the NE, scampering at full speed. They soon stopped and wheeled about (probably crossed or scented Mike's tracks), and ran back to the South West, across my front, often stopping for a few moments to turn (right face) to stare at me. I made ten exposures, at distances ranging from 300 to 150 yards.

Nos 543-544. With focal plane 3/4-2 f.6.3 B.S.

545-549. " " " 3/4-3 f.6.3. B.S. Ca 8:07 p.m.

The Caribou ran half way around me, and finally got past my right (at about 100 yards, after I had snapped my last film) and headed for the East harbor entrance. Adam had gone back and lain down among rough ice cakes at entrance of harbor

May 7 (Sun.) and the Caribou ran directly up to his ambush. Adam shot four and Mike five.

Mr. K. J. Chipman arrived from the west along the coast about 11:00 p.m.; shortly after our Caribou hunt. He was accompanied by the Eskimos Ambrose Agnavigak, Ihualmic and Child, and Mr. D'Arcy Arden.

About 30 miles East of the Copper mine on , Mr. Chipman had found two toboggans, with Inspector C. D. La Nauze, R.N.W.M.P., Constable Wright, R.N.W.M.P., Mr. D'Arcy Arden, and Ilavinirk (Eskimo interpreter. They were looking up the case of Peres Rouvier and La Roux. Inspector La Nauze decided to go at once to Bernard Harbour, and Corporal Bruce went back with him, while Mr. Arden came along with Mr. Chipman.

May 8. (Mon.) Port Epworth. Coronation Gulf.

Hazy foggy in forenoon. +26° at 8:00 a.m. Cleared somewhat in afternoon +33° at 12:00 m.

Caribou. No living Caribou seen today. Hauled in those killed yesterday, and cached some of the meat, after taking what Chipman and I wanted to haul for temporary use. Measured body and antlers of two Caribou

♂ L. 190 cm. T. 14 cm. H.S. 53.5 cm. Right antler 14 cm. Left antler 15.5 cm. Phot 556. 341. Head of ♂ Caribou, antlers not branched. 16-1/10-A. 6 p.m.

♂ do. Short branch on each antler ca. 1½ miles long, about half way up on front side. Rt. Antl. 20 cm. Left Antl. 21.5 cm. 635 557 A-2 16-1/10 Cloudy. 6:15 p.m.

♀ old Antlers unbranched, about 1 ft. long.

♀ 1 old Antlers slender, several prongs.

♂ Yearling fawn, short antlers with a little old velvet still adhering to them.

May 8. (Mon.) Caribou — The largest bull (the one measured) had a little back fat, about ¼ inch thick. They all had a little mesenteric and other fat; on the average better-conditioned than Caribou usually are at this season.

Ravens — several seen, two chasing each other.

The fog cleared up towards noon, and Mr. Hoff and Mike started back for Bernard Harbor (with six dogs), hauling the Gray motor, the Evinrude motor, the Green tent, and about 8 dogs' grub. They took "Nellie" back for leader, and Ambrose got back his leader "Ata" in exchange for my old leader "Jack."

The Dease River Eskimos: — Attigerniak, Kannoyuak, Taglut, and Hikky, are camped a few miles west of here, according to Chipman.

Caribou — Attigerniak and others had one yesterday.

May 8. Mon.

Spermophiles – a few killed by Eskimos west of here yesterday.

Rock Ptarmigan – A few killed by Eskimos west of here yesterday.

Snow Buntings – Mr. Clapham saw several west of here yesterday.

Seals – A few Seals have been seen on top of the ice west of here. Yesterday Mike saw one on top of the ice ~~yesterday~~.

Notes from Mr. D'Arcy Arden:

Caribou – Great northward migration ~~southward~~ in vicinity of Kendall River last month. April 1916. (D'Arcy Arden).

Red Fox – Numbers of Cross Fox and dark Foxes around Dease River last winter. 1915-16. (D'Arcy Arden).

Wolverines – very numerous on Dease river 1915-1916. (D'Arcy Arden)

Moose – The Indians shot five moose on Caribou Point (E. end G. B. Lake) and three on Dease River last winter 1915-6. (D'A. Arden)

May 8. (Mon.). Spermophiles (Citellus parryi). Numbers out along the Coppermine in April. Several seen along the coast East of the Coppermine River. Numbers seen west of Tree River today (May 8, 1916). (D'Arcy Arden).

Today Mr. Chipman proposed a plan which he had discussed with Mr. D'Arcy Arden, subject to my approval:— Mr. Chipman to accompany Mr. Arden to Great Bear Lake, packing across country from the mouth of the Coppermine River early in June, sledding across Great Bear Lake in June, and going out from Fort Norman by the Mackenzie River route. Mr. Chipman will first finish his traverse to Cape Barrow, and meet O'Neill and Cox before returning west along the coast.

I think the plan is a good one as there is a good chance that

May 8. (Mon.) Mr. Chipman will get outside earlier than by going out with us on the "Alaska". It also gives us a chance to send mail out by another route, giving news of the condition and welfare of the Southern Party (up to Summer of 1916) in case the "Alaska" should be prevented by accident or ice conditions from getting from Bernard Harbour to Nome in 1916. In the latter event, no news could get out from us until a sled could go in the winter of 1916-1917.

I am going ahead tomorrow, while Chipman stays another day or two here to complete the map of Port Epworth harbour.

Port Epworth, Coronation Gulf. N.W.T.

May 9. (Tues.).

Sun shining at 7:00 a.m. Fairly strong East wind. Wind lowered a little in evening, but snow was drifting some until after 6:00 p.m. Cached some surplus stuff, and gave some of my "portables" to Chipman for use on his "packing" trip out.

55°. 34-3. Chipman's Survey Camp. at Port Epworth. (K.G. Chipman, D'Arcy Arden, Ambrose, and Ukalwia)

11-50-B.S. 3:45 p.m.

Our track 3:45 p.m. Round point East of island, and struck out straight for point across the long bay. (Erected by Dease and Simpson in 1839)

Abreast of 12-ft. "Stone Sacrum Cross" at 7:30 p.m. Camped on East side of bay at 10:55 p.m. Found a little driftwood in bare spots on beach.

Caribou: two or three sets of fresh tracks on bay, going north.

+35 (in sun) at 8:00 a.m. +14 at 11:45 p.m.

My face had become very much blistered by sunburn and

May 9. (Tues.) wind, and my lips badly cracked and split, and rim of nostrels very sore and raw. My face was not quite so bad shape as Mr. Hoff's, because I had mine partly acclimated to the spring glare in March. The Eskimos have some trouble with cracked and peeling lips also, and often anoint them with Caribou marrow. I have obtained the best results from "Vaseline Camphor ice".

May 10. (Wed.) In camp west of high clearing point, outcast side of bay, East of Port Epworth. Turned in about 3:00 a.m; Cloudy weather. Still Cloudy at 10:00 a.m. with light Easterly wind. + 33° at 12:00 a.m. Dull cloudy all day. light East wind. Shaving a little.

May 10. (Wed.) Snowing a little today. Found an inch deep pool of water on top of a granite boulder in evening.

On trail 1:50 p.m. Just as we started an Eskimo sledge came along - an old man named Hanwok (with faded yellowish brownish beard, and moustache faded at ends), with a woman and three children. He said the woman's husband had gone across the point behind us to chase two bull caribou (pugnirk). Hanwok said his wife died last winter. They had a long kayak frame on sled. Said they had camped on the ice a long way north of here last winter and did not see Mr Jenness? Hanwok said he had often heard about me (Annahüa) from his old friend Ulipsinno, and said he was very glad to see me. They had obtained seal meat from Eskimos at a large village which he said was around

May 10. (Wed.) the point just ahead of us: they were going to the westward to spend the summer fishing in some place near here.

We rounded the point and headed for the southwest end of Hepburn Island, where we could see a village of caribou-skin tents on the ice at foot of cliffs. Reached the village about 4:00 p.m. The people scurried into their houses, but soon came out and stood in a line, motionless. When about 100 yards away, I thought to hold up my hands, with magical result, for they broke ranks and came running out to us. Seven tents in village — about ten (10) men, seven or eight (7 or 8) women, and several children. They had spent the winter on the ice some distance to the north, and did not see Mr. Jenness.

Names: Kokoark (seen by V. Stefansson and myself in 1911, and photographed by me

Gray's Bay, Coronation Gulf.

May 10. (Wed). Camped at 9:05 p.m., on low granite rocks, on coast, a little west of the mouth of the Ukusikalik (Wentzell river). Found no wood, although we looked for some distance. Found about a cup of water in a little hollow in the granite.

Snow was rather soft in many places today, and sledding was heavy. Copsizi sled several times on edge of hard sastrugi with soft snow on edges.

Ravens - saw several around cliffs of Hepburn Island.

Caribou - Just as we were breaking camp, a party of Eskimos passed. They said one man was crossing the point on mainland just Eskimos (SW of Hepburn Island) chasing two bull Caribou.

Eskimos here say they killed some Caribou near Kogluktuaryuk River last summer. Today we saw

May 10. (Wed.) Caribou
two bunches of fresh tracks on ice of Gray's Bay going north between Hepburn Island and the mouth of Wentzell river. Eskimos at Hepburn Island today said that they had seen many Caribou recently but had killed only one.

May 11. (Thurs.) We did not get to bed until well after midnight, and did not wake up until 10:00 a.m. Weather still cloudy. +30° at 11:00 a.m. Thawing in afternoon. Water on top of several granite rocks in evening forming little pools. +25° at 7:00 p.m. Light NW wind all day. Cloudy all day. Sun appeared for a little, just before setting.
On trail 1:30 p.m. Passed the mouth of Wentzell River (Akkusitaluk), about 2:00 p.m. and kept on east,

May 11. (Thurs.) just touching the tips of the points between the deep, narrow bays. Passed Inman Harbour about 6.00 p.m. and camped a little later, as we saw Caribou close to land. Camped on a long granite island. Found no wood on the rocks, so used Primus stove again. Two snow-houses on the ice outside of island, and some freshly-cracked Caribou marrow-bones on rocks here.

Caribou. Saw three Caribou in the morning heading out towards the west End of Hepburn Island. Several bunches of fresh tracks seen on ice during the day. Saw two Caribou in the morning walking slowly on the ice along the edge of the land. They passed behind a long granite island East of Inman Harbour, and we headed outside for the other end of the island. The Caribou had disappeared through, however, and went out

May 11. (Thurs.) on the open ice where there was no cover, and kept moving ahead pretty fast, also. Later in the morning, five Caribou were seen about a mile west of us, going north. When they struck our fresh sled-track they stopped for a while, and then lay down on the sea ice.

Seals – four or five Seals or Ugyuk (Bearded Seal) seen on the ice today.

May 12. (Friday) Sun shining in early morning. Cloudy after 7:00 a.m. + 30° at 9:00 a.m. + 32° at 1:00 p.m. Light East wind.

On track 10:30 a.m. across bay to the East. Reached Cape Barrow harbor about 12:30 p.m. and Camped. Found two notes from O'Neill and Co. they had taken everything from Cache but 2½ gals. of distillate

Cape Barrow, Coronation Gulf. N.W.T.

May 12. (Friday)

Caribou - Saw fresh tracks today going out from the mainland towards Jameson Islands.

Seals - two or three seen on the ice today. Adam saw two at one hole.

Snow Buntings - heard in morning

Rough-legged Hawk - Adam saw three "Hilarek" in afternoon while out on the hills.

Rock Ptarmigan - Adam saw a pair; the female in Changing plumage.

Wolverine - Wolverines tooth poke of whitefish and blubber cached here last fall.

Caribou - Kobottok got three Caribou at point on South side of Inman Harbour in the last week of March, 1916

"No recent signs of Caribou seen in vicinity of Chapman Island up to April 4th" (O'Neill and Cox).

Seals - "Kobottok says Seal ~~seem~~ Come up on the ice late here (Chapman Isl, Bathurst Inlet)

May 12. (Friday). Spermophile (Citellus parryi). One kept coming out from burrow near edge of earth bank near my tent. Whenever the dogs chained to the sled, would rattle their chains more than usual, the squirrel would stick his head and shoulders up higher to investigate. I set up Graflex Camera in front of tent, focussed on the burrow, and when the Spermophile was up, I would stick my arm out and "press the button". Made ten exposures at from ten to twelve feet with 12" lens Graflex. 1-10.

601-610 Spermophile at burrow. 3/4-2. (two or three 3/4-1). f11. Cloudy. 5:30 p.m.

611. f11. Cape Barrow Harbor, Dud tent at Cache - 3/4-2. C. 5:30 p.m.

612. f12. Cape Barrow harbour, to West Snow drifted very deep in lip of bay at Cache. Some wood exposed.

Cape Barrow; Coronation Gulf.

Adam saw 2 or 3 Eskimo tents on ice about two miles beyond the point.

May 12. (Friday) Spermophile — running around again about 9:00 p.m. Ac. had kept sticking his head and shoulders out of the first hole (near tent door) for an hour or two until he mustered courage to scamper across the bare flat and a snowbank to disappear down a hole through a snowbank.

Arctic Hare — Adam shot one on rocky hills.

+24° at 10:00 p.m. Sun shining.

Letters left here at Cache by Messrs O'Neill and Cold:

(dated) March 31, 1916.

"J. J. O'Neill Kohoktoth
J.R. Cox. Manigwan
Skey and Kid.

"Arrived here O.K. March 30th from Bernard Harbour via Pauneraktun, Nanaktok and N. end of Hepburn Island. Got 3 deer on point on S. side of Inman Hbr. Kohoktoth

May 12 (Fri.)

"says there is a 'short portage' which they always use between the N. arm of Inman Hbr. and the E. side of Cape Barrow. We take from here now

50 lbs. flour,
48 lbs hard tack.
5 gals. distillate and the poke of dog feed if we find it O.K. That leaves

50 lbs. flour
48 " pemmican
24 " sugar
5 gals. distillate

"some of which we may send back for later. Dawg had been good on the whole though even the nine dogs have had hard work with the heavy load. Got time right here yesterday p.m. Leave this morning for Chapman Island." (March 31st)

"April 4, 1916. Chapman Island, about 17 miles 230° M. fr. Barrow. "Ikey and Kohoktok go over to

Cape Barrow, Coronation Gulf.

May 12. (Friday). Barrow today to get the rest of the cache. They will leave nothing there but 2½ gals. distillate. We found that Wolverine had got the poke of fish and blubber. There are no recent deer signs down here and K. says that the seal come up on the ice late here. We have now about 12 days dog feed left here.

"Chapman Island is not one island but a mass of small islands and channels.

"So far we have found no native copper though there is some stain. From here we move camp one day to N. end Ikey's return, and then work south down the East side of the islands.

"There is no wood here. The Jameson Islands shutting it off apparently, and we are living in a snow house with Kohoklok.

J. J. O'N.
J. R. C. "

Cape Barrow, Coronation Gulf, N.W.T.

May 13 (Sat.). Cloudy bright morning. Light Easterly breeze. +37° at 12:00 m. Wind hauled to westward in afternoon, with sprinkles of misty rain, changing to light snow later. +24° at 8:00 p.m. Wrote letters in forenoon to leave here to be sent out by Mr. Chipman.

Stayed in camp in the afternoon and evening because we did not like to start out in wet, threatening weather.

Bathurst Inlet, N.W.T. Cape Barrow.

May 14. (Sun.) Cloudy morning. Strong west wind. +19° at 12:00 m. Sky cleared around noon, and was clear all the afternoon; snow drifting along the ground. Sky clouded up from the west about 6:30 p.m. and snow-flake began to fly after 7:00 p.m. +18° at 10:00 p.m. Cold raw west wind.

Checked some surplus grub here. Oatmeal 10 lbs. Brown Rice 6-7 lbs. Dog Biscuit 3 sacks (65 lbs). Man pemmecan 12 lbs. 1 plug Westover tobacco. 1 box 30-30 Cartridges (20). 1 Camp stove.

Started out shortly after noon. About ~~two~~ three miles East of the point of Cape Barrow, saw several Eskimos fishing (with hooks) for Ookak (tom-cod) near the shore only a few yards from the foot of the steep granite shores. All the people but an old man, woman and children were fishing, and all had small strings, about a dozen or fifteen each. Some like the

May 14. (Sun.) big ones caught last summer (Rock Cod), but mostly smaller. They said they had only one icepick among them, and no material to make another.

They say they are Ūmingmŭk tog'mi, and some of them are going to Umingmuktok, on the other side of the bay (East side of Baltimore Inlet) again soon. There were no guns in this village, and they had killed no caribou this spring, but had killed Seals.

These Eskimos say that there are two large rivers flowing into Moore Bay, one at least is large and deep, and has a waterfall not far up. Some people fish there in summer. Perhaps these are some of the people from tents which Chipman and Cox saw on river in Moore Bay last August.

The Eskimos escorted us out to their village a little farther on,

Cape Barrow. N.W.T.

May 14. (Sun.) three tents with snow-walls and skin roofs, on the ice about a mile from shore. An area of rather rough rubble ice along here. People here (Umeingmuktogmiut):

Akana (old woman) ca. 45. Nannárúak, her husband.

Alúnak, woman ca. 30. Nauyaí'na her husband.
Aiállik, boy ca. 10, son of alúnak.
Kaiaráiak, old woman ca. 60. Apatok (husband) very old man.

Kúpon, woman ca. 30. Hókak husband.
Tunáiak, girl ca. 8, daughter of Kúpon
Makuok, baby girl " " "
Nia Kápta, woman ca. 14, Alugak, husband

Photos.

559. 3A.[4] Kaiaraiak, ♀
560. 3A.[5] Nauyaí'na ♀
561. 3A.[6]
562. 3A.[7]
563. 3A.[8] Akana, old woman.
564. 3A.[9] Kúpon, woman.

May 14. (Sun.) The old man Á'pā-tok is very old, and hobbles about with difficulty; nearly blind, both eyes very bleary. He put back his hood to show that his head was almost totally bald, with only a slight fringe of hair around base of skull.

Ne'akopla, the youngest woman, ca. 14, has for facial tattooing only a double-lined ⩔ on her forehead. The cheek and chin lines have not been put on yet.

Kupon, woman, has nine lines tattooed on her chin, the other woman had less.

The Eskimos were very anxious to have us camp here for a while with them, saying that we could shoot Caribou here. They assured us that we need not be afraid of them stealing anything from us.

Cape Barrow, N.W.T.

May 14 (Sun.) After leaving the Eskimo village we kept a course about ESE straight from Cape Barrow to the outer edge of the dolomite islands with diabase dikes (Nū a hō'ngak) to the SE of Detention Harbour. Found no wood but did not need any, as we had cached our camp stove at Cape Barrow, because wood is so scarce East of Cape Barrow.

Raven – one seen today.

Caribou – The Eskimos near Cape Barrow had no guns and had killed no Caribou this spring. They said two old bulls went north from the East side of Cape Barrow this morning. The Eskimos said a good many Caribou had passed north but we did not see many tracks.

Kater Point, Bathurst Inlet, N.W.T.

May 15. (Mon.). Bright cloudy at 8:00 a.m. Strong west wind and large snowflakes flying. +26° at 12:00 m. Strong W.N.W. wind; snow falling.

On trail 12:00 m, about ESE, with wind at our backs, and made pretty good time. Ice was nearly bare of snow in places. We could not see far ahead today, on account of fog, but finally saw land ahead, and headed for what looked like the west end of Kater Point peninsula, which we reached at 4:40 p.m. near the old Gull rookery.

Raven. Near the Gull rookery saw a Raven fly from a large nest on face of cliff about half way up, about 60 feet. Pair of Ravens seen.

Camped near autumn "long camp" a little east of the entrance to the snug harbor, at 7:30 p.m.

Kater Point, Bathurst Inlet, N.W.T.

May 15. (Mon.) Wind lowered and sky partially clear at 7:30 p.m. Sun shining faintly at intervals in afternoon

Caribou - very few tracks seen today. Saw one fresh track as we approached land this morning. Adam climbed ridge near camp and saw five Caribou on south side of Camp, on a small lake.

May 16. (Tues.) Camp west of Kater Point, N.W.T. Cloudy bright morning. Light south-Easterly wind. Warmer. Snow falling at 10:00 a.m. + 32° at 12:01 p.m. Sky clearing. Sunshine bright after 12:30 p.m. + 35° at 10:00 p.m. Light SE wind all day.

May 16. (Tues.) Reached the old Kater Point harbour camp. at 12:50 p.m. Saw fresh Eskimo tracks, 3 or 4 sleds, through the harbour going East, crossing the short lake portage. Found four recently deserted houses. snow walls of one, or two tiers of blocks on ice of Arctic Sound, just East of portage. From here two sled tracks going north, to the west side of the Cache Island, and two sleds going to the north End of Cheere Islands.

Phot Goerz. 1. Snow-house tent ruins
613. to show plan of inside; bed, lamp-stand, etc.
3/4-4. +11 B.S. 1:30 p.m.

614. *2 Another snow house, the only one with high walls. (do)

615. 3 Kater Point cliff, at point, from S. (do)

616. 4 Cheere Islands (part) from Kater Point. (do) 1:30 p.m.

Kater Point – Arctic Sound.

May 16. (Tues.).

Caribou – fresh Caribou tracks inside of Kater Point harbour, coming from south, but turning back on coming to the Eskimo trail. Saw a freshly cleaned Caribou skull in the Eskimo camp.

~~Hooded~~ Northern Raven – saw two or three Ravens around Kater Point harbour.

Rough-legged Hawks – Saw three Rough-legged Hawks flying around the cliffs at Kater Point harbour.

Caribou – Fresh Caribou tracks (today's) seen on ice near point of Cape Wollaston north end of Banks Peninsula, ~~Baffin Sound~~ Arctic Sound.

Gulls (Glaucous?). A little low rock island just west of Cape Wollaston in Arctic Sound, had several old Gulls' nests on it.

Seals – none seen on ice today

Kater Point – Cheere Islands – Arctic Sound, Cape Wollaston.

May 16. (Tues.). Started across from Kater Point for Cheere Islands at 2:10 p.m. and reached our old camp at top of Southern island about 4:10 p.m. Went up on top of island. Some fresh water in little pools on the rocks. It was difficult to make out the point of Banks Peninsula (Cape Wollaston) as it is low and a large island is beyond it. Started across the Eastern part of Arctic Sound and reached Cape Wollaston 7:00 p.m. Camped on beach – a series of barren terraces of flat broken, sharp pieces of diabase (amygdaloid, etc). Saw one human track on snow in the middle of ~~the~~ Arctic Sound, about half-way across.

Arctic Hare – Saw a pure white Arctic Hare run up over the top of the bare higher ridge as I went ashore on Cheere Islands.

Cape Wollaston, Banks Peninsula, N.W.T

May 17 (Wed.) Cloudy bright at 9:00 a.m. and remaining the same all day.
+33° at 9:00 a.m. +22° at 9:00 p.m.
Light North west wind.

Headed for north end of large island ahead, named Iglorualliq, bearing about East true. The most distant land seen ahead, NE true, which looks like mainland is Point Everitt (near to region called by Eskimos Umingmuktor.)

On trail 11:25 a.m. headed for north end of Iglorualley. In about half an hour saw two sleds coming up the coast, along ~~West~~ East side of Banks Peninsula and turned south to meet them. It proved to be J.R. Cox, Ikey, Kohoktok and family. J.J. O'Neil had gone on ahead, across the peninsula. They said that there are some Eskimos Camped a few miles down the coast so we went down to see them.

May 17. (Wed.) Found four men, two women, one large boy, and one small boy living in a large deerskin tent, double tent.

1. Aïlok (or Ahiagmut, from east side of Kent Peninsula, but now considers himself a Kilusiktogmiut, as he has a wife from here. Has been to Bernard Harbour, in March, 1916. Ca. 30 yrs.
2. Apú'tóak (Kilusiktogmiut), man ca. 40. with light moustache
3. Adi a Kak, one-eyed man, ca 30.
4. Anavik, young man ca. 25.
5. Hü'loak, son of Apatoak, ca 15.
6. Kaitok, son of Aïlok, ca. 5 yrs.
7. Mimirgliña, ca. 30, wife of Apatoak.
8. Pay'lik, wife of Aïlok, ca. 30

Banks Peninsula is called Tikera'yük. ("forefinger" pointer.

Banks Peninsula, Bathurst Inlet.

May 17. (Wed.) North Barry Island, East of the Banks Peninsula, (the island where we were storm bound five days last fall) is called Adligaq (called Ulgaq by O'Neill).

Fish. The Eskimos are fishing quite a bit here now. They are making holes in a tide-crack in the ice about 3-4 feet thick, and water under the ice about 18 inches deep. They catch the small tom cod here, with jigging hooks. Only one species caught here today, which they call Hioriûktun. We got four specimens; numbers being caught. None of the other species seen here today, called Ûwai'nak, which are caught on Kanmyaktok Island last September in net, and which the Eskimos were catching near Cape Barrow on the 14th.

Cod, Gadus Callarias Linnaeus.

The people also call them Ôrak (Pl. Ôta) the same word used by Western Eskimos

May 17 (Wed.)

*656. ♂ Dicrostonyx sp. 150 mm. 14-14.

Caught on the land yesterday by the Eskimos. Changing from winter pelage.

Spermophile - The people are also catching many marmots (C. parryi). They had a large potful of them boiled shortly after we arrived. Some were caught with steel traps, others in snares. All were very fat, and were pretty good eating.

Later we had a potful (one of the C.A.E. long sheet iron pots) of tomcod. Still later they had a potful of boiled White Fox; three caught recently.

Arctic Fox - Eskimos recently caught three in traps. The skin of one was still white.

Caribou - two were killed here day before yesterday, and the people have some meat still. Few Caribou have been seen.

Banks Peninsula, Bathurst Inlet.

May 17 (Wed.) The Eskimos say that there is a large lake back of the hill which has very large fish (apparently Lake Trout).

All the Eskimos here (eight) are living in a large double skin tent, like two teepees connected by a ridge pole. There is an open door in the middle of one side, and a large smoke hole in the center which is covered at night. A few stones in the center serve as a fireplace. They are burning small dwarf birch here, mostly roots, and a few small willow snags, both turning partly green, but soon boiling the long shallow pots. Even this trash is rather hard to find, and they often have to tramp over a mile of hills to gather an armful. Ox and O'Neill used to pack a bundle of brush from place to place wherever they could get a little fuel ahead

May 17. (Wed.)

Wolverine - Eskimos say that wolverines are numerous all through Bathurst Inlet.

657. Arctic Fox. ♂ Caught today. Bought from Autok for specimen with skull (boiled). Fur still long and white, and looks prime, except for a brown patch on nose.

Snow Buntings - saw first one for this region.

Rough-legged Hawks saw several soaring around.

Caribou - O'Neill and Cox have killed plenty of caribou since the middle of April, over thirty in all. Five caribou killed on Kanaryuit Island. Kohoktok has done most of the hunting. The stags were poor, but Kohoktok saved enough of them to make himself a new caribou-skin tent.

Bathurst Inlet, N.W.T.

May 17. (Wed.) Survey work.- J.J. O'Neill and J.R. Cox have surveyed about two hundred (200) islands — Chapman, Lewes, and Marcet islands, and others to the NE. and cleared up the mainland coast and islands a little farther south than Kanmayuk Island. They did not go much south of Kanmayuk Island because the diabase runs out, contact with granitic rocks there, and it was considered more important to make a complete sheet of copper-bearing area than to run the coast survey down to bottom of Bathurst Inlet, which would have taken a month more. In the survey of over 200 islands, they have found large amounts of copper, practically all in small particles scattered all through the rock.

May 18. (Thurs.) Cloudy bright at 8:00 a.m. Light NW. wind. Sun not out today. +22° at 6:00 p.m.

The Eskimos here are very good people. They repeatedly assured us yesterday that the Kilusiktōg'miut do not steal, and asked us to tell other white men to come here to trade, and the natives would treat them well. They seem to be keenly anxious to have traders come in here. The people here did not meddle with our things much, and did not beg at all. Two or three of the men came over in the morning while I was cooking breakfast. When he stuck his head in the tent door, Apatoak, who seemed to be the head man, hastened to say that they had already eaten, and did not come over to get anything to eat, but they

May 18. (Thurs.) merely wanted to talk with us for a while. They had been fishing for a while this morning and caught a few torn-cod.

Three of the men had .44 rifles, but very little ammunition. The one-eyed man Adiatak had only a bow, and not much else.

One man at least, Aitok, had visited traders to the Eastward, and all had much of white men's goods — knives, a new hand-saw, H.B. blankets, a bag said to be of Indian (Hillet) make (blue cloth, faded, with two N.W.M.P. buttons on it), two large aluminum pots, 1 H.B. copper pot, several other vessels, cups, etc.

Aitok said he had seen many spruce trees a long way to the Southward on the Akilinik river. He says there are no trees (spruce) and very small willows on the Haningayok

May 18. (Thurs.)

Place Names:

Hood River = Katimānínik.

Creek flowing into bay north of Hood River is Kūvagmikōvik. It has foot in summer.

Kater Point cliffs = Imnārúit

Creek west of Kater point cliffs is Kangikshaarýak.

Detention Harbour - Akkiahungak.

Island north of Kater Point is Naukithiervik.

Island close E of Kater Pt. is Naugaton.

Cheere Islands - two islands = Kitagūnéq — the larger island is called Nekkuhugnak.

Banks Peninsula = Tikiarvk.

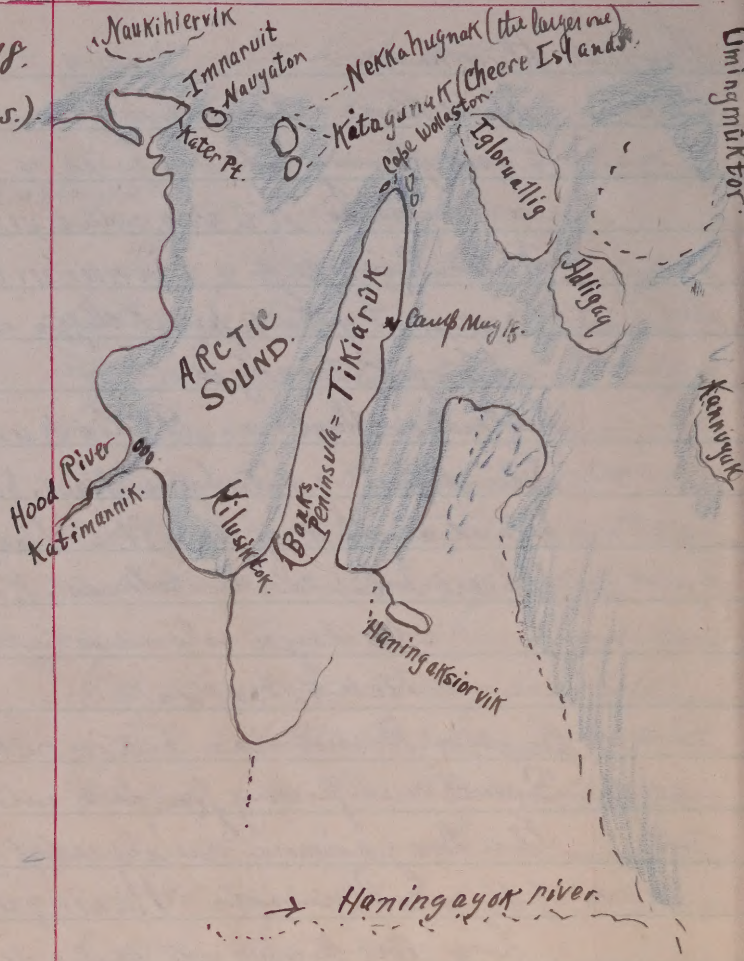
Small creek flowing from lake into foot of the long narrow narrow inlet East of Banks Peninsula = Haningaksiorvik

Large river flowing into West side of Bathurst Inlet near bottom is Haningayok. (about where Burnside river should come in).

Only river flowing into East side of Bathurst Inlet is Akūliléivik, a river that can be waded in summer, about knee deep

Banks Peninsula. Bathurst Inlet.

May 18. (Thurs.)



Sketch map of Arctic Sound region.

Hitok and Apatook say that from their camp here (May 18) in summer one can walk to the

May 18. (Thurs). Haningayok river in three sleeps, by crossing the base of the Banks Peninsula in one day, and then walking over the mountains to the southward of Arctic Sound (Kilusiktok). But to go to Haningayok with a sled, they say takes many sleeps, on account of the rough, rocky country. Haningayok they say is a large deep river and in general flows Kiviamun (East) into salt water, apparently from their description in the map about where the Burnside River comes out into Bathurst Inlet. They say it is very deep and very crooked, and can not be forded in summer, and they have to take Kayaks inland to cross it. It has water flowing under the ice all winter.

Umingmuktok is just East of Igloorsalliq island, on the mainland. It has a good many people.

Banks Peninsula, Bathurst Inlet. N.W.T.

May 18. (Thurs).

These people know of only one river flowing into the East side of Bathurst Inlet, a small river known as Akūliaʻūk – haguuktok.

Kilusiktok is a small river flowing into the bottom of Arctic Sound, but it seems to give its name to the whole region – the southern portion of Arctic Sound and Bathurst Inlet.

Kuvagmiūvik – a river near Kilusiktok.

According to these Eskimos, the Haningayok seems to flow first south, and then East and is very crooked.

The young man Aitok is an Ahiergmiut or "Asiagmiut.". They live, or come from the East side of the Kent Peninsula, coming to Bathurst Inlet by a short portage East of Uminguktok.

The Uminguktogmiut and Kilusiktogmiut lived together in winter on the ice north of Igloriūattig.

May 18. (Thurs.). The Eskimos here, yesterday were eating a mixture of the contents of a Caribou Stomach and grease, a little passed around to Each person as a sort of relish, after courses of boiled ground squirrels, boiled Tomcod, and boiled Arctic Fox.

Graflex photos.

617. #5. Hulock, son of Apatook. ¾-2. f11. Cloudy 10.30 a.m.

618. #6 Apatook, Kilusiktogmiut man.

619. #7. Aitok, Ahaigmiut man.

620. #8. Anavik. Kilusiktogmiut man.

621. #9. Miningline, Kilusiktog. wife of Apatook. This woman had light complexion and very heavy tattooing, which looked very contrasty.

622. #10. do. Ice brew.

623. #11. Paglik, Kilusiktogmiut wife of Aitok.

624. #12. do. Ice brew

Banks Peninsula, Bathurst Inlet.

May 18. (Thurs.)

625. #1. Apatoak, wearing caribou skin coat with split-up sides. He says this is Natchillirmiut costume, and that he has about half of his clothes made that way.

626. #2 do. back view (Apatoak)

627. #3 do. side view. (Apatoak)

628. #4. Ad'iaKak, the one-eyed man. He lost this eye when a child by another boy poking a snow knife into it while they were playing.

629. #5. Eskimo tent, sled and kayak. 3/4-2 +11. Cloudy. 11:00 a.m.

630. #6. Eskimo tent, from another angle.

631. #7 Eskimo tent, with bundle of black birch and willow fuel piled up.

Vest Pocket Kodak:

668. Eskimo tent. Banks Peninsula.

669. Two women, Mimirghina and Paglik.

670. Eskimo sleds arriving at Camp

671. Mamayoraina, woman

Banks Peninsula, Bathurst Inlet

May 18. (Thurs.)

672. Manigyoranna (woman) and little girl baby Ivarluk

673. Kringandlik, Puiblirmiut man

673. Kilusektogmiut Eskimo boy.

674. Eskimos making camp

Started on trail 11:30 A.M. and reached Cox and O'Neill's camp in about two hours.

Raven - saw one today.

Two large and very heavily loaded Eskimodaleds came from the west, (north of Cheere Islands) in the evening, bound for the East side of Tikiaruk (Banks Peninsula). Old man (ca 50 yrs) named Kringandlik with his wife Kanuatchiak and his grown-up son named Kaitok and wife Okokak and another young man Kanuatchiak with a wife Inuafolik. They said they were Puiblirmiut and Ekalluktogmiut from Victoria Island north of here.

Cape Wollaston, Banks Peninsula. Arctic Sou

May 19. (Fri.). Dull sunshine at 7:30 A.M. Clear at 9:00 a.m. +29°F. at 9:00 a.m. Very strong South east wind. Mr. J.R. Cox got a time observation at Cape Wollaston at 9:00 a.m., and a latitude observation at 12:00 noon. Photo Grafler.

632. ♂. Kringaudlik shooting bows. ¾-4 f.l. BS 12:00 m.

633. ♀. do.

634. ♂♀. Three women Kannatchiak old Kringaudlik's wife; Oôokak, Kaitok's wife - Innaôolik, very young woman, wife of the boy Kannatchiak.

These people call themselves Kilusiktogmiut (sometimes in summer stay on land south of here, where they are going to hunt this summer), Puiblirmiut and Ekalluktogmiut. The Ekalluktogmiut seem to belong properly farther east, on the South side of Victoria Island.

May 19. (Fri.)

Wrote a letter to Inspector Beyts, R.N.W.M.P. who was supposed to bring a Police patrol to Bathurst Inlet in 1916. to investigate the killing of Harry Vincent Radford and his companion Mr. Street by Eskimos in this region. Gave the letter to Tingaslik who promised to give it to any white man he happened to see this summer. Also wrote another similar note and left it in a cairn at tip of Cape Wollaston. Both notes gave information of C.A.E., and of Insp. La Nauze's patrol; that C.A.E. Southern Party was going out, but there was expected to be a new mission station established in Dolphin and Union Strait in 1916. The Eskimos promised not to molest the note in the cairn.

Cox and O'Neill decided to hurry on to Cape Barrow today, to meet

Arctic Sound, N.W.T.

May 19. (Fri.). Mr. Chipman, while Adam and I would take an extra day and run around Arctic Sound before going back, to see if I could find any trace of Kakshoomnia or the others who were to get specimens for me this spring.

White wolf. Bought a fine large male specimen, nearly pure white, with skull; bullet through nose. Shot by Kautok, at Innarnuit, cliffs west of Kater Point, five days ago (May 14, 1916). #658 ♂ White wolf. Bot for 1 can black powder (1 lb. flask).

On trail 12:25 and went down coast about seven miles. Saw two Caribou and Adam shot both of them. Stopped for a while.

Caribou. Saw a single small white Caribou walking slowly over a hill near coast. Adam went after it, and ran it out on the ice with

May 19. (Fri.) another one, which appeared on the scene, and shot both of them on the ice. Both were young bulls, with new antlers about two inches long. One was nearly white, with only a ~~dusk~~ dusky wash on back. The other was dark on back, sides, and legs. Photo.

589. 3A1- White Caribou, ♂, dead to show growth of antlers 10-28-B.S. 6 p.m.

590. 3A2. do. Dark colored young ♂.

Camped here for a while, & got a shelter to make tea, and to get in the meat. Snow is pretty deep and getting soft, and strong head wind blowing. Kaitok and Kannuktchiak came down from the hills and told us there are no Eskimos on Arctic Sound now, but possibly some were up the Hood River. Decided to strike for Kater Point late in the evening when it is cooler and the dogs pull better.

Arctic Sound. Kater Point, N.W.T.

May 19. (Fri.) Filled two five-gallon tins with dogmeat and took one saddle for ourselves. Gave the rest of the meat to the Eskimos, who seemed very much pleased and made up two big packs and started back to their camp with it.

Our track 10:30 p.m. +35° at 10 p.m. Freezing later. Sun rose about 10:30 p.m. Sunrise cloudy. Bright by 2:30 a.m.

Snow Buntings one heard seen 7:00 p.m.

May 20. (Sat.) Sunrise cloudy. Bright by 2:30 a.m. Reached the south tip of Cheere Islands 1:35 a.m. Dogs pulled much better than in the afternoon.

Snow Buntings - heard in Kater Point harbour twittering around the cliffs at 7:30 a.m. One or two seen a distance Sound every now & then.

Stopped for lunch at south tip of Cheere Islands 1:20 to 1:40 a.m.

Kater Point, Arctic Sound, N.W.T.

May 20 (Sat.). Reached west end of Kater Point harbour at 3:30 a.m., and crossed through the portage. Saw no signs of the other party's tracks so went on to our recent camp site (ca. 2 miles) west of harbour, and camped at 4:40 a.m.

Ravens — seen around cliffs.

Turned in at 7:30 a.m., and got up again at 2:30 p.m. Sky still clear. Fairly strong SE wind still blowing. +45° at 6:00 p.m. Snow melted fast today. Our sled stood in the edge of the snow when we stopped at 4:40 a.m., and it stood high and dry on a shingle beach at 6:00 p.m. On track again at 7:00 p.m. Light SE wind. Warm. Water (up to ½ inch) on sea ice in places. Freezing after about 10:00 p.m.

Snowy Owl — one flying over land west of Kater Point.

Caribou — one track going N.W.

Kater Point to Detention Harbour.

May 21. (Sun.) Struck Cox and O'Neill's trail after getting outside the Kater Point islands, and followed it to the Nū a hō'ngak islands (2) off the entrance of Detention Harbour. Reached their Camp at 1:45 a.m. and found them in bed. Kohoktok came out of his tent and helped us pitch our tent. We had to hunt around quite a bit to get enough large stones to tie our ropes to, on the shingly beach: and there was no unoccupied good place near the sleds.

Clear a.m. Fairly strong SE wind at 4:00 a.m.

Caribou — O'Neill shot one on the ice, probably the one whose trail we crossed in the morning.

Bearded Seal — Kohoktok shot one yesterday on the way over.

659. ♂ Phoca barbata.

O'Neill took measurements and photo.

Detention Harbour Islands, N.W.T.

May 21. (Sun.) Hoyt's Horned Lark ("Kupa'nōaq pāyuk") heard one near tent about 4:00 a.m., the first Horned Lark of the season.

Black-bellied Plover — several Tūlik heard this morning, the first of the season.

Hutchins's Goose (Branta canadensis hutchinsii). Saw one flying east. Mr. Cox saw one yesterday, the first of the season.

+ 42° at 12:00 m.

On trail at 11:00 a.m., going along the east side of the island. Reached the Umingmuktok Eskimo village about 2:30 p.m. They had moved a little, now about ½ mile off shore. All the people came out about half a mile to meet us, bringing stuff (mostly worthless trash) to sell.

Phots. 3A-3. Apatook, old man. Vis Protex Kodak.

676. ½ Group of Umingmuktogmiut. 1-4/50 B.S. 2:30 p.m.

Cape Barrow. N.W.T.

May 24 (Sun.)

Kat pocket Kodak.

677. #2. Old man Apaloak.
11 1/50 - Bright sun. 2:30 p.m.

678. #3. Young man carrying bow in quiver (front)

679. #4. do. (back view)

680. #5. Woman and baby.

681. #6. Woman (Ummigmuit by mist

Met Mr. D'Arcy Arden at the Eskimo camp. He went back with us to K.J. Chipman's camp in the little harbor at Cape Barrow. They had reached here yesterday, completing the coast survey from the west up to this point.

Herring Gulls - Adam saw two near camp and shot at them - Mr. Arden saw the first Gulls on Coronation Gulf on May 16th.

Hoyt's Horned Larks - heard singing at Cape Barrow.

May 24. (Sun.) Chipman and Arden had seen a number of Eskimos. The village from Hepburn Island, or some of them had moved to shore somewhere near the mouth of the Kogluktuaryuk.

Inman Harbour runs in very far. It is very deep and narrow, being separated by only a short, low portage, from a long inlet running in from the East side of Cape Barrow peninsula.

Bird and Mammal Collections. — R.M.A.

Coll. No.	Sex.	Species	Locality	Date
568.	♀	Vulpes lagopus innuitus. P.K.	Bernard Harbor, N.W.T.	Nov. 10, 1915
569.	♀	" " " P.K.	" " "	" 12, "
570.	♀	" " " P.K.	" " "	" 14. "
571.	♂	Histrionicus histrionicus (From Laughing Joe).	Firth River, Yukon Terr.	Summer. "
572.	♂	Colymbus auritus (From Laughing Joe)	" " " "	" "
573.	♂	Oidemia deglandi. D. Sweeney.	Cape Bathurst, N.W.T.	May. "
574.	?	Nyctea nyctea From Laughing Joe.	Nunatuk, Yukon Terr.	June, "
575.	♂	Corvus corax principalis	Bernard Harbor, N.W.T.	Aug. "
576.	?	Pisobia sp.	" " "	" "
577.	♂	Citellus parryi.	" " "	Sept. 2. "
578.	♂	Somateria spectabilis juv	" " "	Aug. 27. "
579.	♀	Gavia stellata juv.	" " "	" " "
580.	♂	Vulpes alascensis	" " "	Oct. 19. "
581.	♀	Lepus arcticus canus.	" " "	" 7. "
582.	♂	Vulpes lagopus innuitus	" " "	Aug 13. "
583.	?	" " " juv	" " "	Fall. "
584.	♂	" " "	" " "	Nov. 7. "
585.	♀	" " "	" " "	" 4. "
586.	♀	" " " (Unatina).	" " "	" " "
587.	?	Citellus parryi. (Skull).	" " "	Nov. "
588.	?	Vulpes lagopus innuitus.	" " "	Summer. "
589.	♀	Vulpes alascensis.		Nov. "

Coll. No.	Sex	Species	Locality	Date.
590.	♂	Vulpes alascensis	Port Epworth, Coron. Gulf.	Nov. 1915.
591.	♀	Gulo luscus ad.	" " " "	" "
592.	♀	" " "	" " " "	" "
593.	♀	" " "	" " " "	" "
594.	♀	" " "	" " " "	" "
595.	♂	" " "	" " " "	" "
596.	♀	Rangifer arcticus ad.	Tree River, Coron. Gulf.	Oct. 5, 1915.
597.	♀	" " "	" " " "	" " "
598.	♂	Lutreola sp	Mackenzie Delta, N.W.T.	Winter, 1914-15
599.	♀	Vulpes alascensis	Port Epworth, Coron. Gulf.	Nov. 1915
600.	♂	Vulpes lagopus innuitus	" " " "	" "
601.	♂	" " "	" " " "	" "
602.	♀	" " "	" " " "	" "
603.	♂	" " "	" " " "	" "
604.	♀	" " " Adam O.	Bernard Harbor, N.W.T.	Dec. 18. "
605.	♂	" " " Adam O.	" " "	" " "
606	♂	" " " J.S.	" " "	" " "
607.	♀	Sorex cinereus v-nigra	Inman Harbour, Coron. Gulf.	Sept. 28, 1915.
608.	♀	" "	" " " "	" " "
609.	♀	" "	" " " "	" " "
610.	♂	Vulpes lagopus innuitus (blue)	Simpson Bay, Victoria Is.	Mar. Oct. 1915
611.	?	Vulpes alascensis (Cross)	S. of Arctic Sound.	Fall, 1915

Bird and Mammal Collections.—R.M.A.

Coll. No.	Sex.	Species.	Locality.	Date.
612.	♂	Oribos moschatus	S. of Arctic Sound.	Fall. 1915
613.	♂	" "	" " " "	" "
614.	?	" " (Calf)	" " " "	Summer. "
615.	?	" " (unborn Calf)	" " " "	Early Spr. "
616.	♂	Gulo luscus	" " " "	E. Spr. "
617.	?	Ursus arctos richardsoni juv.	" " " "	Summer. "
618.	?	" " "	" " " "	E. Spr. "
619.	?	" " "	" " " "	Sum. "
620.	?	" " "	" " " "	Fall. "
621.	♀	Gulo luscus	Mouth of Coppermine R.	Feb. 22/91
622.	♀	" "	Chantry Island.	" 27. "
623.	♂ ad.	Ursus arctos richardsoni. (Skull only).	Coppermine River,	Spring, 191
624.	♀	Lepus arcticus canus.	Bernard Harbor, N.W.T.	March 25,
625.	♀	" " "	" " "	" 24, "
626.		" " "	" " "	" " "
627.	♂	Gulo luscus. (D.J.) ad.	Duke of York Archip.	March, 191
628.	♀	Rangifer arcticus juv.	Bernard Harbor, N.W.T.	Feb. 26/1
629.	♀	" " 2-yr.	" " "	April 7, "
630.	♂	" " Skull (F.J.)	Richardson Isl. Sound.	March. 17
631.	♀	" " " (F.J.	" " "	" 21. "
632.	♂	Lagopus l. rupestris (hoard)	Mackenzie R. Victoria Isl.	" 29. "
633.	♀	Lagopus l. lagopus	Cache Point, " "	April 5, "

Coll. No.	Sex	Species.	Locality.	Date.
634.	♂	Lepus arcticus canus.	Richardson Ish. Coronation Gulf	March 19, 1916
635.	♂	Dicrostonyx sp.	Bernard Harbor, N.W.T.	Nov., 1915
636.	♂	" "	" " "	" "
637.	?	~~Vermivora celata~~ Dendroica p. palmarum.	" " "	Sept. 28, 1915
638.	♂	Rangifer arcticus ad.	" " "	Nov. 16, 1915
639.	♀	" " "	near Liston Island, D & U. Str.	Apr. 15, 1916
640.	♂	" " skull.	Bernard Harbor, N.W.T.	Feb. 26, "
641.	♂	" " ad.	" " "	Nov. 16, 1915
642.	♂	" " "	" " "	" " "
643.	♀	" " sk.	" " "	April 18, 1916
644.	♂	Phoca barbata (foetus)	Chantry Island, "	" " "
645.	♂	Rangifer arcticus	Bernard Harbor, "	Nov. 1915
646.	♀	Phoca barbata (foetus) skull.	near Cape Lambert, "	April 23, 1916
647.	♀	Canis occidentalis albus.	Port Epworth, Coronation Gulf.	June 19, 1915
648.	♂	" " skin & skull.	" " " "	July 20, "
649.	Sex ?	Lemmus sp.	" " " "	June 26, "
650.	♀	Gavia adamsii	" " " "	July 16, "
651.	Sex ?	Arcbibuteo lagopus sj.	" " " "	June 17, "
652.	Sex ?	Aegialitis semipalmata	" " " "	June 30, "
653.	Sex ?	Arenaria interpres morinella	" " " "	June 19, "
654.	♂	Citellus parryi subsp.	Cape Barrow, " "	Aug. 4, "
655.	?	Gavia adamsii	Gray's Bay, " "	" 2, "

Bird and Mammal Collections.—R.M. Anderson.

Coll. No.	Sex.	Species.	Locality.	Date
656.	♂	Dicrostonyx sp	Banks Ter., Bathurst Inl.	May 17.
657.	♂	Vulpes lagopus innuitus	" " " "	" "
658.	♂	Canis occidentalis albus	w. of Kater Pt., Coronation G.	" 14.
659.	♂	Phoca barbata	Detention Harbour	" 20.
660.	♀	Evotomys sp.	Port Epworth, Cor. G.	" 25.
661.	♂	" "	" " " "	" "
662.	♂	" "	" " " "	" 26.
663.	♀	Synaptomys sp.	" " " "	" 25.
664.	♂	Otocoris alpestris hoyti	" " " "	" 26.
665.	♀	Dicrostonyx sp	Coronation Gulf.	" 30.
666.	♂	Archibuteo lagopus sancti-johannis	Kogaryuak R., Cor. G.	" "
667.	♂	Lepus arcticus canus	Cape Kendall, Cor. Gulf	June 2.
668.	♂	Tryngites subruficollis	Bernard Harbour, N.W.T.	" 6.
669.	♀	" "	" " "	" "
670.	♀	Aegialitis semipalmata	" " "	" "
671.	♂	Phoca barbata ad.	Cape Lambert, D. & U.S.	May 2.
672.	♂	" " ad.	Chantry Isl. "	Apr. 24.
673.	♀	" " jur.	" " "	" 25.
674.	?	Phoca hispida "	" " "	May 1.
675.	♂	Pisobia bairdi	Bernard Harbour "	June 6.
676.	♀	Junco hyemalis hyemalis	" " "	" 8.
677.	♂	Somateria spectabilis	" " "	" 9.